



## Message Implementation Guideline

### **ZUGFeRD v2.1**

incoming invoice

Version: v1.2  
Issue date: 17/9/2021  
Author: BMW

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# Important notices

## STATUS

Information about cardinality divergences between eInvoicing Implementation and ZUGFeRD 2.1 standard is provided in chapter cardinality divergences.

## FORMAT

An XSD file provided with ZUGFeRD 2.1 standard defines structure of the ZUGFeRD 2.1 XML and data type attribute for each element. The XSD file does not define length limitation of the element value. Partner is able to send element values without length limitations. However, recommended data formats (lengths, masks, etc.) are provided in this document. Some of elements are limited by provided code lists. For elements limited by ISO Code Lists, references to the corresponding lists are added in CodeList properties.

## Change History

Changed for Release	Date	Version	Change description	Element	Author
Go Live	25.03.2020	v1.0	MIG creation	CrossIndustryInvoice	BMW
Release2	30.11.2020	v1.1	Additional note	ExchangeDocument - ID	BMW
Release2	30.11.2020	v1.1	BMW Unit code address updates	LinItem - ShipToTradeParty - GlobalID	BMW
Release2	30.11.2020	v1.1	Changed from R to D	LinItem - ApplicableTradeTax	BMW
Release2	30.11.2020	v1.1	BMW Unit code address updates	ShipToTradeParty - GlobalID	BMW
Release2	30.11.2020	v1.1	Additional BMW Company Codes	BuyerTradeParty - ID	BMW
Release3	17.09.2021	v1.2	Additional BMW Company Code	BuyerTradeParty - ID	BMW

## Cardinality divergence between E-Invoicing Implementation and ZUGFeRD Standard

Path to element	ZUGFeRD Standard	BMW e-Invoicing Implementierung
CrossIndustryInvoice		
CrossIndustryInvoice/SupplyChainTradeTransaction		
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem		
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedTradeProduct	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeAgreement	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeAgreement/ BuyerOrderReferencedDocument	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeAgreement/ BuyerOrderReferencedDocument/IssuerAssignedID	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeDelivery	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeDelivery/ShipToTradeParty	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeDelivery/ShipToTradeParty/ID	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeDelivery/ShipToTradeParty/GlobalID	A	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress		
CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/ SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/CityName	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/ID	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/ SpecifiedLegalOrganization	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/ SpecifiedLegalOrganization/ID	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/ PostalTradeAddress		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/ PostalTradeAddress/PostcodeCode	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/	A	R

## Cardinality divergence between E-Invoicing Implementation and ZUGFeRD Standard

Path to element	ZUGFeRD Standard	BMW e-Invoicing Implementierung
PostalTradeAddress/LineOne		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/ PostalTradeAddress/CityName	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/ CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/ID	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/ ApplicableTradeDeliveryTerms		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/ ApplicableTradeDeliveryTerms/DeliveryTypeCode	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/ BuyerOrderReferencedDocument	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery/ShipToTradeParty	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery/ShipToTradeParty/ID	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery/ShipToTradeParty/ GlobalID	A	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery/ShipToTradeParty/ PostalTradeAddress	O	A
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery/ ActualDeliverySupplyChainEvent	D	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery/ ActualDeliverySupplyChainEvent/OccurrenceDateTime	D	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeDelivery/ DeliveryNoteReferencedDocument	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/InvoiceeTradeParty	O	D
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ ID	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ Name	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ PostalTradeAddress	A	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ PostalTradeAddress/PostcodeCode	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ PostalTradeAddress/LineOne	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/	A	R

## Cardinality divergence between E-Invoicing Implementation and ZUGFeRD Standard

Path to element	ZUGFeRD Standard	BMW e-Invoicing Implementierung
ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ PostalTradeAddress/CityName		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ApplicableTradeTax		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ ApplicableTradeTax/RateApplicablePercent	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod		
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ BillingSpecifiedPeriod/StartDateTime	O	R
CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ BillingSpecifiedPeriod/EndDateTime	O	R

## Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
	<b>CrossIndustryInvoice</b>	Invoice	
1..1 R	<b>ExchangedDocumentContext</b>	Process Control	BG-2
0..1 O	<b>TestIndicator</b>	Test indicator	
1..1 R	<b>Indicator</b>	Test indicator, value	
0..1 O	<b>BusinessProcessSpecifiedDocumentContextParameter</b>	Grouping of business context information	
0..1 O	<b>ID</b>	Business process, value	BT-23
1..1 R	<b>GuidelineSpecifiedDocumentContextParameter</b>	Grouping of application recommendation information	
1..1 R	<b>ID</b>	Specification Identifier	BT-24
1..1 R	<b>ExchangedDocument</b>	Grouping of characteristics that affect the entire document	
1..1 R	<b>ID</b>	Invoice Number	BT-1
0..1 O	<b>Name</b>	Document name (free text)	
1..1 R	<b>TypeCode</b>	Document name (Code)	BT-3
1..1 R	<b>IssueDateTime</b>	Invoice date	
1..1 R	<b>DateTimeString</b>	Invoice date, value	BT-2
required	<b>@format</b>	Date, format	BT-2-0
0..1 O	<b>CopyIndicator</b>	Group copy indicator	
1..1 R	<b>Indicator</b>	Copy indicator	
0..n O	<b>IncludedNote</b>	Free text on header level	BG-1
1..1 R	<b>Content</b>	Freetext on document level (Content)	BT-22
0..1 A	<b>SubjectCode</b>	Code for qualifying the free text for the invoice	BT-21
1..1 R	<b>SupplyChainTradeTransaction</b>	Grouping of information about the business transaction	
1..n R	<b>IncludedSupplyChainTradeLineItem</b>	Grouping of item information	BG-25
1..1 R	<b>AssociatedDocumentLineDocument</b>	Grouping of general information	
1..1 A	<b>LineID</b>	Line number	BT-126
0..99 O	<b>IncludedNote</b>	Details of free text relating to the item	
0..1 O	<b>ContentCode</b>	Free text (Content code)	
1..1 R	<b>Content</b>	Free text of the line item	BT-127
0..1 A	<b>SubjectCode</b>	Free text of the line item (Subject code)	
1..1 R	<b>SpecifiedTradeProduct</b>	Grouping of product or service information	BG-31
0..1 O	<b>SellerAssignedID</b>	Seller's article number	BT-155
0..1 O	<b>BuyerAssignedID</b>	BMW (buyer's) article number	BT-156
1..1 R	<b>Name</b>	Article name	BT-153
0..1 O	<b>Description</b>	Article description	BT-154
0..1 D	<b>OriginTradeCountry</b>	Details of product origin	
1..1 R	<b>ID</b>	Country of origin (Code)	BT-159
1..1 R	<b>SpecifiedLineTradeAgreement</b>	Grouping of agreement information	BG-29
0..1 A	<b>BuyerOrderReferencedDocument</b>	Details on referenced order	
1..1 R	<b>IssuerAssignedID</b>	BMW order Id / number	
0..1 O	<b>LineID</b>	reference to the order Item number	BT-132
0..1 O	<b>FormattedIssueDateTime</b>	Order date	
1..1 R	<b>DateTimeString</b>	Order date, value	
required	<b>@format</b>	Date, format	
0..1 A	<b>GrossPriceProductTradePrice</b>	Details on gross price excluding taxes	
1..1 R	<b>ChargeAmount</b>	Gross price	BT-148
0..1 O	<b>BasisQuantity</b>	Price base quantity	BT-149
required	<b>@unitCode</b>	Price base quantity unit	BT-150
0..n O	<b>AppliedTradeAllowanceCharge</b>	Details on allowances and charges	
1..1 R	<b>ChargeIndicator</b>	Charge indicator	
1..1 R	<b>Indicator</b>	Charge indicator, Wert	
0..1 O	<b>CalculationPercent</b>	Allowance charge percent	
0..1 O	<b>BasisAmount</b>	Base amount for allowances and charges	
1..1 R	<b>ActualAmount</b>	Allowance or charge amount	BT-147
0..1 O	<b>Reason</b>	Reason for allowance or charge (free text)	
1..1 R	<b>NetPriceProductTradePrice</b>	Details on net price without tax	
1..1 R	<b>ChargeAmount</b>	Net price	BT-146
0..1 O	<b>BasisQuantity</b>	Price base quantity	BT-149-0
required	<b>@unitCode</b>	Unit of price base quantity	BT-150-0

## Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
1..1 R	<b>SpecifiedLineTradeDelivery</b>	Grouping on delivery information	
1..1 R	<b>BilledQuantity</b>	Billed quantity	BT-129
<i>required</i>	<b>@unitCode</b>	Measurement unit	BT-130
0..1 D	<b>ShipToTradeParty</b>	Details on the alternative ship to	
0..1 D	<b>ID</b>	BMW Business Area Code - Position	
0..n D	<b>GlobalID</b>	BMW Business Unit Code	
<i>required</i>	<b>@schemeID</b>	Type of global identifier	
1..1 R	<b>Name</b>	(Company) name of ship to	
0..1 O	<b>DefinedTradeContact</b>	Details of the contact person	
0..1 D	<b>PersonName</b>	Name of the contact person	
0..1 D	<b>DepartmentName</b>	Department name	
0..1 O	<b>TelephoneUniversalCommunication</b>	Phone number	
1..1 R	<b>CompleteNumber</b>	Phone number, value	
0..1 O	<b>FaxUniversalCommunication</b>	Details of the fax number	
1..1 R	<b>CompleteNumber</b>	Fax number	
0..1 O	<b>EmailURIUniversalCommunication</b>	Details on email	
1..1 R	<b>URIID</b>	Email	
0..1 A	<b>PostalTradeAddress</b>	Details on address	
0..1 A	<b>PostcodeCode</b>	Postcode	
0..1 A	<b>LineOne</b>	Line one of address	
0..1 O	<b>LineTwo</b>	Line two	
1..1 A	<b>CityName</b>	City	
1..1 R	<b>CountryID</b>	Country (Code)	
0..1 D	<b>ActualDeliverySupplyChainEvent</b>	Details on actual delivery	
1..1 R	<b>OccurrenceDateTime</b>	Actual date of delivery or date of service provision	
1..1 R	<b>DateTimeString</b>	Actual date of delivery or date of service provision, value	
<i>required</i>	<b>@format</b>	Date, format	
0..1 A	<b>DeliveryNoteReferencedDocument</b>	Details on referenced delivery note	
0..1 O	<b>IssuerAssignedID</b>	Delivery Note Number, line item	
0..1 O	<b>FormattedIssueDateTime</b>	Document date	
1..1 R	<b>DateTimeString</b>	Delivery Note date, value	
<i>required</i>	<b>@format</b>	Date, format	
1..1 R	<b>SpecifiedLineTradeSettlement</b>	Grouping on settlement information	
1..1 D	<b>ApplicableTradeTax</b>	Details on taxes	BG-30
0..1 D	<b>CalculatedAmount</b>	Tax amount	
1..1 R	<b>TypeCode</b>	Tax type (Code)	BT-151-0
0..1 D	<b>ExemptionReason</b>	Exemption reason (free text)	
1..1 R	<b>CategoryCode</b>	Tax category	BT-151
0..1 D	<b>ExemptionReasonCode</b>	Exemption reason (code)	
0..1 R	<b>RateApplicablePercent</b>	Tax percentage	BT-152
0..n O	<b>SpecifiedTradeAllowanceCharge</b>	Details on allowances and charges	BG-27, BG-28
1..1 R	<b>ChargeIndicator</b>	Charge indicator	BG-27-0, BG-28-0
1..1 R	<b>Indicator</b>	Charge indicator, value	BG-27-00, BG-28-00
0..1 O	<b>CalculationPercent</b>	Allowance Charge Percent	BT-138, BT-143
0..1 O	<b>BasisAmount</b>	Base amount of allowance or charge	BT-137, BT-142
1..1 R	<b>ActualAmount</b>	Allowance or charge actual amount	BT-136, BT-141
0..1 O	<b>ReasonCode</b>	Reason for allowance or charge (Code)	BT-140, BT-145
0..1 D	<b>Reason</b>	Reason for allowance or charge (free text)	BT-139, BT-144
1..1 D	<b>SpecifiedTradeSettlementLineMonetary Summation</b>	Details on item summation	
1..1 R	<b>LineTotalAmount</b>	Line total amount	BT-131
1..1 R	<b>ApplicableHeaderTradeAgreement</b>	Grouping on trade agreement	
0..1 A	<b>BuyerReference</b>	Buyer reference	BT-10
1..1 R	<b>SellerTradeParty</b>	Seller	BG-4
1..1 R	<b>ID</b>	BMW supplier/seller number	BT-29
0..n A	<b>GlobalID</b>	Global identifier of the seller	BT-29-0
<i>required</i>	<b>@schemeID</b>	Type of global identifier	BT-29-1
1..1 R	<b>Name</b>	(Company) name of the seller	BT-27

## Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
0..1 D	<b>SpecifiedLegalOrganization</b>	Details on organization	
0..1 D	<b>ID</b>	Seller legal registration identifier	BT-30
<i>required</i>	<b>@schemeID</b>	Type of identifier	BT-30-1
0..1 O	<b>DefinedTradeContact</b>	Details on the seller's contact person	BG-6
0..1 D	<b>PersonName</b>	Contact person name	BT-41
0..1 D	<b>DepartmentName</b>	Department name	BT-41-0
0..1 O	<b>TelephoneUniversalCommunication</b>	Details of the phone number	
1..1 R	<b>CompleteNumber</b>	Phone number	BT-42
0..1 O	<b>FaxUniversalCommunication</b>	Details of the fax number	
1..1 R	<b>CompleteNumber</b>	Fax number	
0..1 O	<b>EmailURIUniversalCommunication</b>	Details on email	
1..1 R	<b>URIID</b>	Email	BT-43
1..1 R	<b>PostalTradeAddress</b>	Details on address	BG-5
1..1 R	<b>PostcodeCode</b>	Postcode	BT-38
1..1 R	<b>LineOne</b>	Line one of address	BT-35
0..1 O	<b>LineTwo</b>	Line two	BT-36
1..1 R	<b>CityName</b>	City	BT-37
1..1 R	<b>CountryID</b>	Country (Code)	BT-40
0..1 O	<b>CountrySubDivisionName</b>	Country sub division	BT-39
0..n A	<b>SpecifiedTaxRegistration</b>	Tax registration details	
1..1 D	<b>ID</b>	(Local) tax Id	BT-31, BT-32
R	<b>@schemeID</b>	VAT Id	
<i>required</i>	<b>@schemeID</b>	Type of tax identifier	BT-31-0, BT-32-0
1..1 R	<b>BuyerTradeParty</b>	Buyer (=beneficiary)	BG-7
1..1 R	<b>ID</b>	BMW Company Code	BT-46
0..n A	<b>GlobalID</b>	Global identifier of the buyer	BT-46-0
<i>required</i>	<b>@schemeID</b>	Type of global identifier	BT-46-1
1..1 R	<b>Name</b>	BMW company name	BT-44
0..1 O	<b>DefinedTradeContact</b>	Details on the buyer's contact person	BG-9
0..1 D	<b>PersonName</b>	Contact person name	BT-56
0..1 D	<b>DepartmentName</b>	Department name	BT-56-0
0..1 O	<b>TelephoneUniversalCommunication</b>	Details of the phone number	
1..1 R	<b>CompleteNumber</b>	Phone number	BT-57
0..1 O	<b>FaxUniversalCommunication</b>	Details of the fax number	
1..1 R	<b>CompleteNumber</b>	Fax number	
0..1 O	<b>EmailURIUniversalCommunication</b>	Details on email	
1..1 R	<b>URIID</b>	Email	BT-58
1..1 R	<b>PostalTradeAddress</b>	Details on buyer address	BG-8
1..1 R	<b>PostcodeCode</b>	Postcode buyer	BT-53
1..1 R	<b>LineOne</b>	Line one of address	BT-50
0..1 O	<b>LineTwo</b>	Line two	BT-51
1..1 R	<b>CityName</b>	City	BT-52
1..1 R	<b>CountryID</b>	Country (Code), buyer	BT-55
0..1 A	<b>SpecifiedTaxRegistration</b>	Tax registration details	
1..1 D	<b>ID</b>	(Local) tax Id	BT-48
D	<b>@schemeID</b>	VAT Id, buyer	
<i>required</i>	<b>@schemeID</b>	Type of tax identifier	BT-48-0
0..1 O	<b>SellerTaxRepresentativeTradeParty</b>	Seller tax representative	BG-11
0..1 O	<b>ID</b>	BMW supplier number	
0..n O	<b>GlobalID</b>	Global seller tax representative Id	
<i>required</i>	<b>@schemeID</b>	Type of global identifier	
1..1 R	<b>Name</b>	Seller tax representative name	BT-62
0..1 O	<b>SpecifiedLegalOrganization</b>	Details on organization	
0..1 O	<b>ID</b>	Seller legal registration identifier	
<i>optional</i>	<b>@schemeID</b>	Type of identifier	
0..1 O	<b>DefinedTradeContact</b>	Details on the contact person	
0..1 D	<b>PersonName</b>	Contact person name	
0..1 D	<b>DepartmentName</b>	Department name	
0..1 O	<b>TelephoneUniversalCommunication</b>	Details of the phone number	
1..1 R	<b>CompleteNumber</b>	Phone number	
0..1 O	<b>FaxUniversalCommunication</b>	Details of the fax number	

## Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
1..1 R	<b>CompleteNumber</b>	Fax number	
0..1 O	<b>EmailURIUniversalCommunication</b>	Details on email	
1..1 R	<b>URIID</b>	Email	
1..1 R	<b>PostalTradeAddress</b>	Details on address	BG-12
0..1 A	<b>PostcodeCode</b>	Postcode	BT-67
0..1 A	<b>LineOne</b>	Line one of address	BT-64
0..1 O	<b>LineTwo</b>	Line two	BT-65
0..1 A	<b>CityName</b>	City	BT-66
1..1 R	<b>CountryID</b>	Country (Code)	BT-69
1..1 R	<b>SpecifiedTaxRegistration</b>	Details on tax registration	
1..1 D	<b>ID</b>	(Local) tax Id	BT-63
	<b>@schemeID</b>	VAT Id	
required		Type of tax identifier	BT-63-0
0..1 O	<b>ApplicableTradeDeliveryTerms</b>	Details on delivery terms	
1..1 R	<b>DeliveryTypeCode</b>	Delivery type (Code)	
0..1 A	<b>BuyerOrderReferencedDocument</b>	Details on corresponding order	
1..1 R	<b>IssuerAssignedID</b>	Order number	BT-13
0..1 O	<b>FormattedIssueDateTime</b>	Order date	
1..1 R	<b>DateTimeString</b>	Order date, value	
required	<b>@format</b>	Date, format	
0..n O	<b>AdditionalReferencedDocument</b>	Details on additional referenced document	BG-24
1..1 R	<b>IssuerAssignedID</b>	Document number	BT-17, BT-18, BT-122
1..1 R	<b>TypeCode</b>	Type of referenced document	BT-17-0, BT-18-0, BT-122-0
1..1 R	<b>ApplicableHeaderTradeDelivery</b>	Grouping on delivery information	
0..1 D	<b>ShipToTradeParty</b>	ship to	BG-13
0..1 D	<b>ID</b>	BMW Business Area Code	BT-71
0..n D	<b>GlobalID</b>	BMW Business Unit Code	BT-71-0
required	<b>@schemeID</b>	Type of global identifier	BT-71-1
0..1 O	<b>Name</b>	(Company) name of ship to	BT-70
0..1 O	<b>DefinedTradeContact</b>	Details of the contact person	
0..1 D	<b>PersonName</b>	Name of the contact person	
0..1 D	<b>DepartmentName</b>	Department name	
0..1 O	<b>TelephoneUniversalCommunication</b>	Details of the phone number	
1..1 R	<b>CompleteNumber</b>	Phone number	
0..1 O	<b>FaxUniversalCommunication</b>	Details of the fax number	
1..1 R	<b>CompleteNumber</b>	Fax number	
0..1 O	<b>EmailURIUniversalCommunication</b>	Details on email	
1..1 R	<b>URIID</b>	Email	
0..1 A	<b>PostalTradeAddress</b>	Details on address	BG-15
0..1 A	<b>PostcodeCode</b>	Postcode	BT-78
0..1 A	<b>LineOne</b>	Line one of address	BT-75
0..1 O	<b>LineTwo</b>	Line two	BT-76
0..1 A	<b>CityName</b>	City	BT-77
1..1 R	<b>CountryID</b>	Country (Code)	BT-80
0..1 O	<b>UltimateShipToTradeParty</b>	Details on alternative ultimate ship to	
0..n O	<b>ID</b>	Identification of ultimate ship to	
0..n A	<b>GlobalID</b>	Global identifier of the ultimate ship to	
required	<b>@schemeID</b>	Type of global identifier	
0..1 A	<b>Name</b>	(Company) name of the ultimate ship to	
0..1 O	<b>SpecifiedLegalOrganization</b>	Details on organization	
0..1 O	<b>ID</b>	Seller legal registration identifier	
optional	<b>@schemeID</b>	Type of identifier	
0..1 O	<b>TradingBusinessName</b>	Trading name	
0..1 O	<b>DefinedTradeContact</b>	(Company) name of the ultimate ship to	
0..1 D	<b>PersonName</b>	Name of the contact person	
0..1 D	<b>DepartmentName</b>	Department name	
0..1 O	<b>TelephoneUniversalCommunication</b>	Details of the phone number	
1..1 R	<b>CompleteNumber</b>	Phone number	
0..1 O	<b>FaxUniversalCommunication</b>	Details of the fax number	

## Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
1..1 R	CompleteNumber	Fax number	
0..1 O	EmailURIUniversalCommunication	Details on email	
1..1 R	URIID	Email	
0..1 O	PostalTradeAddress	Details on address	
0..1 A	PostcodeCode	Postcode	
0..1 A	LineOne	Line one of address	
0..1 O	LineTwo	Line two	
0..1 O	LineThree	Line three	
0..1 A	CityName	City	
1..1 R	CountryID	Country (Code)	
0..n A	CountrySubDivisionName	Country sub division	
0..1 O	URIUniversalCommunication	Details on electronic address	
1..1 R	URIID	Electronic address	
required	@schemeID	Type of electronic address	
0..n O	SpecifiedTaxRegistration	Details on tax registration	
1..1 D	ID	(Local) tax Id	
D		VAT Id	
required	@schemeID	Type of tax identifier	
0..1 O	ShipFromTradeParty	Identification of the alternative ship from	
0..n O	ID	Identification of ship from	
0..1 O	Name	(Company) name of the ship from	
0..1 O	DefinedTradeContact	Details of the contact person	
0..1 D	PersonName	Name of the contact person	
0..1 D	DepartmentName	Department name	
0..1 O	TelephoneUniversalCommunication	Details of the phone number	
1..1 R	CompleteNumber	Phone number	
0..1 O	FaxUniversalCommunication	Details of the fax number	
1..1 R	CompleteNumber	Fax number	
0..1 O	EmailURIUniversalCommunication	Details on email	
1..1 R	URIID	Email	
0..1 A	PostalTradeAddress	Details on address	
0..1 A	PostcodeCode	Postcode	
0..1 A	LineOne	Line one of address	
0..1 O	LineTwo	Line two	
0..1 A	CityName	City	
1..1 R	CountryID	Country (Code)	
1..1 R	ActualDeliverySupplyChainEvent	Details on actual delivery	
1..1 R	OccurrenceDateTime	Actual date of delivery of goods/provision of services	
1..1 R	DateTimeString	Actual date of delivery of goods/provision of services, value	BT-72
required	@format	Date, format	BT-72-0
0..1 A	DeliveryNoteReferencedDocument	Details on referenced delivery note	
1..1 R	IssuerAssignedID	Delivery note number, document level	
0..1 O	FormattedIssueDateTime	Delivery note date	
1..1 R	DateTimeString	Delivery note date, value	
required	@format	Date, format	
1..1 R	ApplicableHeaderTradeSettlement	Grouping on settlement information	
1..1 R	InvoiceCurrencyCode	Invoice Currency	BT-5
0..1 D	InvoiceeTradeParty	Details on the alternative invoicee	
1..1 R	ID	BMW Company Code	
0..n A	GlobalID	Global identifier	
required	@schemeID	Type of global identifier	
1..1 R	Name	(Company) name of the alternative invoicee	
0..1 O	DefinedTradeContact	Details of the contact person	
0..1 D	PersonName	Name of the contact person	
0..1 D	DepartmentName	Department name	
0..1 O	TelephoneUniversalCommunication	Details of the phone number	
1..1 R	CompleteNumber	Phone number	
0..1 O	FaxUniversalCommunication	Details of the fax number	
1..1 R	CompleteNumber	Fax number	

## Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
0..1 O	<b>EmailURIUniversalCommunication</b>	Details on email	
1..1 R	<b>URIID</b>	Email	
1..1 R	<b>PostalTradeAddress</b>	Details on address	
1..1 R	<b>PostcodeCode</b>	Postcode	
1..1 R	<b>LineOne</b>	Line one of address	
0..1 O	<b>LineTwo</b>	Line two	
1..1 R	<b>CityName</b>	City	
1..1 R	<b>CountryID</b>	Country (Code)	
0..1 O	<b>PayeeTradeParty</b>	Details on alternative payee	BG-10
0..n O	<b>ID</b>	BMW supplier number	BT-60
0..n A	<b>GlobalID</b>	Global identifier of the payee	BT-60-0
required	<b>@schemeID</b>	Type of global identifier	BT-60-1
1..1 R	<b>Name</b>	(Company) name of the alternative payee	BT-59
0..1 O	<b>DefinedTradeContact</b>	Details of the contact person	
0..1 D	<b>PersonName</b>	Name of the contact person	
0..1 D	<b>DepartmentName</b>	Department name	
0..1 O	<b>TelephoneUniversalCommunication</b>	Details of the phone number	
1..1 R	<b>CompleteNumber</b>	Phone number	
0..1 O	<b>FaxUniversalCommunication</b>	Details of the fax number	
1..1 R	<b>CompleteNumber</b>	Fax number	
0..1 O	<b>EmailURIUniversalCommunication</b>	Details on email	
1..1 R	<b>URIID</b>	Email	
1..1 R	<b>PostalTradeAddress</b>	Details on address	
1..1 R	<b>PostcodeCode</b>	Postcode	
1..1 R	<b>LineOne</b>	Line one of address	
0..1 O	<b>LineTwo</b>	Line two	
1..1 R	<b>CityName</b>	City	
1..1 R	<b>CountryID</b>	Country (Code)	
0..n O	<b>SpecifiedTaxRegistration</b>	Details on tax registration	
1..1 D	<b>ID</b>	(Local) tax Id	
D	<b>@schemeID</b>	VAT Id	
required	<b>@schemeID</b>	Type of tax identifier	
0..1	<b>TaxApplicableTradeCurrencyExchange</b>		
1..1 R	<b>SourceCurrencyCode</b>	Invoice currency	
1..1 R	<b>TargetCurrencyCode</b>	Home Currency	
1..1 R	<b>ConversionRate</b>	Exchangerate	
0..1 O	<b>ConversionRateDateTime</b>	Exchange date	
1..1 R	<b>DateTimeString</b>	Exchangerate date	
required	<b>@format</b>	Date, format	
0..n O	<b>SpecifiedTradeSettlementPaymentMeans</b>	Details on payment means	BG-16
1..1 R	<b>TypeCode</b>	Payment means type (code)	BT-81
0..1 D	<b>Information</b>	Free text information on payment means	BT-82
0..1 D	<b>PayerPartyDebtorFinancialAccount</b>	Buyer's financial institution	
1..1 R	<b>IBANID</b>	IBAN	BG-19/BT-91
0..1 D	<b>PayeePartyCreditorFinancialAccount</b>	Seller's bank account	BG-17
0..1 D	<b>IBANID</b>	IBAN	BT-84
0..1 O	<b>AccountName</b>	Financial account name	BT-85
0..1 D	<b>ProprietaryID</b>	Account number (not SEPA)	BT-84-0
0..1 D	<b>PayeeSpecifiedCreditorFinancialInstitution</b>	Seller's financial institution	
1..1 R	<b>BICID</b>	BIC	BT-86
1..n R	<b>ApplicableTradeTax</b>	Grouping details on trade tax	BG-23
1..1 R	<b>CalculatedAmount</b>	Tax calculated amount	BT-117
1..1 R	<b>TypeCode</b>	Tax type (code)	BT-118-0
0..1 D	<b>ExemptionReason</b>	Exemption reason (free text)	BT-120
1..1 R	<b>BasisAmount</b>	Tax base amount	BT-116
0..1 O	<b>LineTotalBasisAmount</b>	Goods amount for tax rate	
1..1 R	<b>CategoryCode</b>	Tax category	BT-118
0..1 D	<b>ExemptionReasonCode</b>	Exemption reason (code)	BT-121
1..1 R	<b>RateApplicablePercent</b>	Tax rate percentage	BT-119

## Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
0..1 D	<b>BillingSpecifiedPeriod</b>	Details on billing specified period	BG-14
1..1 R	<b>StartDateTime</b>	Start of the billing period	
1..1 R	<b>DateTimeString</b>	Start of the billing period, value	BT-73
required	@format	Date, format	BT-73-0
1..1 R	<b>EndTimeTime</b>	End of billing period	
1..1 R	<b>DateTimeString</b>	End of billing period, value	BT-74
required	@format	Date, format	BT-74-0
0..n D	<b>SpecifiedTradeAllowanceCharge</b>	Details on allowances and charges	BG-20, BG-21
1..1 R	<b>ChargeIndicator</b>	Charge indicator	BG-20-0, BG-21-0
1..1 R	<b>Indicator</b>	Charge indicator, value	BG-20-00, BG-21-00
0..1 O	<b>CalculationPercent</b>	Allowance Charge Percent	BT-94, BT-101
1..1 R	<b>ActualAmount</b>	Allowance or charge actual amount	BT-92
			BT-99
0..1 O	<b>ReasonCode</b>	Reason for allowance or charge (Code)	BT-98, BT-105
0..1 O	<b>Reason</b>	Reason for allowance or charge (free text)	BT-97
			BT-104
1..1 R	<b>CategoryTradeTax</b>	Details of tax information	
1..1 R	<b>TypeCode</b>	Tax type (Code)	BT-95-0
			BT-102-0
1..1 R	<b>CategoryCode</b>	Tax category	BT-95
			BT-102
0..1 D	<b>RateApplicablePercent</b>	Tax rate percentage	BT-96, BT-103
0..n D	<b>SpecifiedLogisticsServiceCharge</b>	Details on logistics service charges	
1..1 R	<b>Description</b>	Service charge ID	
1..1 R	<b>AppliedAmount</b>	Service charge amount	
0..n D	<b>AppliedTradeTax</b>	Details on taxes	
0..1 R	<b>TypeCode</b>	Tax type (Code)	
0..1 R	<b>CategoryCode</b>	Tax category	
0..1 R	<b>RateApplicablePercent</b>	Tax rate percentage	
0..n D	<b>SpecifiedTradePaymentTerms</b>	Details on payment terms	
0..1 D	<b>Description</b>	Free text of the payment terms	BT-20
0..1 D	<b>DueDateDateTime</b>	Due date	
1..1 R	<b>DateTimeString</b>	Due date, value	BT-9
required	@format	Date, format	BT-9-0
1..1 R	<b>SpecifiedTradeSettlementHeaderMonetarySummation</b>	Details of document totals	BG-22
1..1 R	<b>LineTotalAmount</b>	Line total amount	BT-106
0..1 O	<b>ChargeTotalAmount</b>	Charge total amount, document level	BT-108
0..1 O	<b>AllowanceTotalAmount</b>	Allowance total amount, document level	BT-107
1..2 R	<b>TaxBasisTotalAmount</b>	Tax basis total amount	BT-109
	@currencyID	Currency (code)	
1..2 R	<b>TaxTotalAmount</b>	Tax total amount	BT-110, BT-111
required	@currencyID	Currency	BT-110-0, BT-111-0
1..2 R	<b>GrandTotalAmount</b>	Grand total	BT-112
	@currencyID	Currency (code)	
0..1 D	<b>TotalPrepaidAmount</b>	Total prepaid amount	BT-113
1..1 R	<b>DuePayableAmount</b>	Due payable amount	BT-115
0..1 O	<b>InvoiceReferencedDocument</b>	Details on referenced invoice	BG-3
1..1 R	<b>IssuerAssignedID</b>	Preceding Invoice number	BT-25

## Details - ZUGFeRD 2.1 schema

### CrossIndustryInvoice

#### ExchangedDocumentContext

Process Control

Status: **R**  
 Path: *CrossIndustryInvoice/ExchangedDocumentContext*  
 Data Type: ram:ExchangedDocumentContextType  
 Synonym: Grouping of message based properties  
 Cardinality: 1..1  
 EN 16931-ID: BG-2  
 Note: An aggregation of business terms containing information about the business process regarding the rules which are applicable to the invoicing document.

Comfort: X

Extended: X

#### TestIndicator

Test indicator

Status: **O**  
 Path: *CrossIndustryInvoice/ExchangedDocumentContext/TestIndicator*  
 Data Type: udt:IndicatorType  
 Cardinality: 0..1  
 Remark: The Indicator type may be used when implementing a new system in order to mark the invoice as „trial invoice“.

Extended: X

#### Indicator

Test indicator, value

Status: **R**  
 Path: *CrossIndustryInvoice/ExchangedDocumentContext/TestIndicator/Indicator*  
 Data Type: xs:boolean  
 Cardinality: 1..1  
 Usage: true = test  
       false = production  
 Remark: The Indicator type may be used when implementing a new system in order to mark the invoice as „trial invoice“.

Example false

Extended: X

#### BusinessProcessSpecifiedDocumentContextParameter

Grouping of business context information

Status: **O**  
 Path: *CrossIndustryInvoice/ExchangedDocumentContext/BusinessProcessSpecifiedDocumentContextParameter*  
 Data Type: ram:DocumentContextParameterType  
 Synonym: Grouping of business process information.  
 Cardinality: 0..1

Comfort: X

Extended: X

#### ID

Business process, value

Status: **O**  
 Path: *CrossIndustryInvoice/ExchangedDocumentContext/BusinessProcessSpecifiedDocumentContextParameter/ID*  
 Data Type: udt:IDType  
 Cardinality: 0..1  
 Remark: These data make it possible to define the purpose of the settlement (invoice of the authorised person, contractual partner, subcontractor, settlement document for a building contract etc.).  
 EN 16931-ID: BT-23  
 Note: Identifies the context of a business process where the transaction is taking place, thus allowing the buyer to process the invoice in an appropriate manner.  
 Example INC

## Details - ZUGFeRD 2.1 schema

Comfort: X Extended: X	
<b>Codelist:</b> Allowed codes: <i>Code</i> <i>Codename</i> INC          Incoming invoice	
<b>GuidelineSpecifiedDocumentContextParameter</b>	Grouping of application recommendation information
Status: <b>R</b> Path: <i>CrossIndustryInvoice/ExchangedDocumentContext/GuidelineSpecifiedDocumentContextParameter</i> Data Type: ram:DocumentContextParameterType Cardinality: 1..1	
Comfort: X Extended: X	
<b>ID</b>	Specification Identifier
Status: <b>R</b> Path: <i>CrossIndustryInvoice/ExchangedDocumentContext/GuidelineSpecifiedDocumentContextParameter/ID</i> Data Type: udt:IDType Length: 1 ... 200 Cardinality: 1..1 Usage: Profile EXTENDED: For Zugferd v2.0.1 "urn:cen.eu:en16931:2017#conformant#urn:zugferd.de:2p0:extended" must be sent. For Zugferd v2.1 "urn:cen.eu:en16931:2017#conformant#urn:factur-x.eu:1p0:extended" must be sent.  Profile EN 16931 (COMFORT): "urn:cen.eu:en16931:2017"  Remark: Here, either compliance or conformance of the instance is expressed. Compliant invoices express the following: urn:cen.eu:en16931:2017. Invoices compliant with a user specification may return the user specification at this point. No identification scheme may be used. <b>BMW only supports the profiles Comfort or Extended.</b>  EN 16931-ID: BT-24 CIUS remark: Specification identifier CIUS restriction: This explains the conformity to the respective document. For the reference to the EU standard, urn: cen.eu: en16931: 2017 must be sent. Invoices which are conform to the XRechnung standard indicate the current URN of the XRechnung specification. The current version of the technical appendix can be called up here: <a href="https://www.xoev.de/de/xrechner">https://www.xoev.de/de/xrechner</a> - no scheme is to be used.  Note: The identification of the specification which contains the entire set of rules for the semantic content, for the cardinalities and for the business rules, and with which the rules contained in the instance document are conformant.  Example: urn:cen.eu:en16931:2017#conformant#urn:factur-x.eu:1p0:extended	
Comfort: X Extended: X	
<b>ExchangedDocument</b>	Grouping of characteristics that affect the entire document
Status: <b>R</b> Path: <i>CrossIndustryInvoice/ExchangedDocument</i> Data Type: ram:ExchangedDocumentType Cardinality: 1..1	
Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

ID	Invoice Number						
	Status: <b>R</b>						
	Path: <i>CrossIndustryInvoice/ExchangedDocument/ID</i>						
	Data Type: udt:IDType						
	Length: 1 ... 16						
	Cardinality: 1..1						
	Remark: The continuous number as requested in accordance with artikel 226 (2) of the directive 2006/112/EG. It is issued once only to identify the invoice within the business context, the time frame, the operating systems as well as the recordings by the seller. It may consist of one or more number sequences which also may contain alpha-numeric characters. An identification scheme must not be used. BMW cannot process invoice numbers with leading zeros. Please remove leading zeros in the invoice number.						
	EN 16931-ID: BT-1						
	Note: A unique Identifier for the invoice.						
	Example: 7412B123456789						
	Comfort: X						
	Extended: X						
Name	Document name (free text)						
	Status: <b>O</b>						
	Path: <i>CrossIndustryInvoice/ExchangedDocument/Name</i>						
	Data Type: udt:TextType						
	Cardinality: 0..1						
	Example INVOICE						
	Extended: X						
TypeCode	Document name (Code)						
	Status: <b>R</b>						
	Path: <i>CrossIndustryInvoice/ExchangedDocument/TypeCode</i>						
	Data Type: qdt:DocumentCodeType						
	Cardinality: 1..1						
	Usage: 380 : Commercial invoice						
	381 : Credit notification						
	<b>For incoming invoices BMW process only the codes 380 and 381.</b>						
	<b>For credit notes all amounts must be negative.</b>						
	EN 16931-ID: BT-3						
	CIUS remark: Invoice type code						
	CIUS restriction: Only this codes are allowed: 326, 380, 384, 381, 389						
	CIUS rule: With the element "Invoice type code" (BT-3) only the following codes from the code list						
	UNTDID 1001 should be transmitted:						
	<ul style="list-style-type: none"> <li>• 326 (Partial invoice)</li> </ul>						
	<ul style="list-style-type: none"> <li>• 380 (Commercial invoice)</li> </ul>						
	<ul style="list-style-type: none"> <li>• 384 (Corrected invoice)</li> </ul>						
	<ul style="list-style-type: none"> <li>• 381 (Credit note)</li> </ul>						
	<ul style="list-style-type: none"> <li>• 389 (Credit note, self billed invoice)</li> </ul>						
	CIUS ID: BR-DE-17						
	Example: 380						
	Comfort: X						
	Extended: X						
	<b>Codelist:</b> UNTDID 1001						
	<b>Allowed codes:</b> <table> <thead> <tr> <th>Code</th> <th>Codename</th> </tr> </thead> <tbody> <tr> <td>380</td> <td>Commercial invoice</td> </tr> <tr> <td>381</td> <td>Credit note</td> </tr> </tbody> </table>	Code	Codename	380	Commercial invoice	381	Credit note
Code	Codename						
380	Commercial invoice						
381	Credit note						

## Details - ZUGFeRD 2.1 schema

<b>IssueDateTime</b>	Invoice date						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/ExchangedDocument/IssueDateTime</i>							
Data Type: udt:DateTimeType							
Cardinality: 1..1							
Comfort: X							
Extended: X							
<b>DateTimeString</b>	Invoice date, value						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/ExchangedDocument/IssueDateTime/DateTimeString</i>							
Data Type: extension (xsd:string)							
Length: 1 ... 8							
Synonym: Invoice Date, Value							
Cardinality: 1..1							
Remark: 20171014							
EN 16931-ID: BT-2							
Note: The date the invoice was issued.							
Comfort: X							
Extended: X							
<b>format</b>	Date, format						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/ExchangedDocument/IssueDateTime/DateTimeString/@format</i>							
Data Type: xs:string							
Use: required							
EN 16931-ID: BT-2-0							
Example 102							
Comfort: X							
Extended: X							
<b>Codelist:</b> UNTDID 2379							
<table><tr><td><b>Allowed codes:</b></td><td><i>Code</i></td><td><i>Codename</i></td></tr><tr><td></td><td>102</td><td>CCYYMMDD</td></tr></table>		<b>Allowed codes:</b>	<i>Code</i>	<i>Codename</i>		102	CCYYMMDD
<b>Allowed codes:</b>	<i>Code</i>	<i>Codename</i>					
	102	CCYYMMDD					
<b>CopyIndicator</b>	Group copy indicator						
Status: <b>O</b>							
Path: <i>CrossIndustryInvoice/ExchangedDocument/CopyIndicator</i>							
Data Type: udt:IndicatorType							
Cardinality: 0..1							
Extended: X							
<b>Indicator</b>	Copy indicator						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/ExchangedDocument/CopyIndicator/Indicator</i>							
Data Type: xs:boolean							
Cardinality: 1..1							
Note: true = copy false = original							
Example false							
Extended: X							

## Details - ZUGFeRD 2.1 schema

<b>IncludedNote</b>	Free text on header level
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/ExchangedDocument/IncludedNote</i></p> <p>Data Type: ram:NoteType</p> <p>Synonym: Free text at document level</p> <p>Cardinality: 0..n</p> <p>EN 16931-ID: BG-1</p>	
<p>Note: An aggregation of business terms to disclose free text which is invoice-relevant, as well as their qualification.</p>	
<p>Comfort: X</p> <p>Extended: X</p>	
<b>Content</b>	Freetext on document level (Content)
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/ExchangedDocument/IncludedNote/Content</i></p> <p>Data Type: udt:TextType</p> <p>Length: 1 ...</p> <p>Synonym: Freetext on document level (Content)</p> <p>Cardinality: 1..1</p>	
<p>Remark: For instance, the reason for a correction or a memorandum of allocation if an invoice has been consigned to a factoring procedure.</p>	
<p>EN 16931-ID: BT-22</p>	
<p>Note: A free text containing unstructured information which is relevant for the invoice as a whole.</p>	
<p>Example As confirmed by Jon Doe. Allowances will be applied later.</p>	
<p>Comfort: X</p> <p>Extended: X</p>	
<b>SubjectCode</b>	Code for qualifying the free text for the invoice
<p>Status: <b>A</b></p> <p>Path: <i>CrossIndustryInvoice/ExchangedDocument/IncludedNote/SubjectCode</i></p> <p>Data Type: udt:CodeType</p> <p>Synonym: Free text at document level (Qualifying the type of text)</p> <p>Cardinality: 0..1</p>	
<p>Usage: The following codes are recommended:</p> <p>AAI : General information</p> <p>SUR : Comments by the seller</p> <p>REG : Regulatory information</p> <p>ABL : Legal information</p> <p>TXD : Information about tax</p> <p>CUS : Customs information</p>	
<p>Remark: To be selected from UNTDID 4451.</p>	
<p>EN 16931-ID: BT-21</p>	
<p>Note: The qualification of the free text of an invoice of BT-22</p>	
<p>Example AAI</p>	
<p>Comfort: X</p> <p>Extended: X</p>	
<b>SupplyChainTradeTransaction</b>	Grouping of information about the business transaction
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction</i></p> <p>Data Type: ram:SupplyChainTradeTransactionType</p> <p>Cardinality: 1..1</p>	
<p>Comfort: X</p> <p>Extended: X</p>	

## Details - ZUGFeRD 2.1 schema

<b>IncludedSupplyChainTradeLineItem</b>	Grouping of item information
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem</i></p> <p>Data Type: ram:SupplyChainTradeLineItemType</p> <p>Synonym: Aggregation of positionings</p> <p>Cardinality: 1..n</p> <p>EN 16931-ID: BG-25</p> <p>Note: An aggregation of business terms containing information about individual invoice positions</p>	
<p>Comfort: X</p> <p>Extended: X</p>	
<b>AssociatedDocumentLineDocument</b>	Grouping of general information
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument</i></p> <p>Data Type: ram:DocumentLineDocumentType</p> <p>Cardinality: 1..1</p>	
<p>Comfort: X</p> <p>Extended: X</p>	
<b>LineID</b>	Line number
<p>Status: <b>A</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineID</i></p> <p>Data Type: udt:IDType</p> <p>Length: 1 ... 5</p> <p>Cardinality: 1..1</p> <p>EN 16931-ID: BT-126</p> <p>Note: An unambiguous identifier for the respective position within the invoice</p>	
<p>Example 1</p> <p>Comfort: X</p> <p>Extended: X</p>	
<b>IncludedNote</b>	Details of free text relating to the item
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote</i></p> <p>Data Type: ram:NoteType</p> <p>Cardinality: 0..99</p>	
<p>Comfort: X</p> <p>Extended: X</p>	
<b>ContentCode</b>	Free text (Content code)
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote/ContentCode</i></p> <p>Data Type: udt:CodeType</p> <p>Cardinality: 0..1</p> <p>Note: Bilaterally agreed text blocks which here are being transmitted as Code.</p>	
<p>Example ST3</p> <p>Extended: X</p>	

## Details - ZUGFeRD 2.1 schema

### Content

Free text of the line item

Status: **R**  
 Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote/Content*  
 Data Type: udt:TextType  
 Length: 1 ... 250  
 Synonym: Free text on positioning  
 Cardinality: 1..1  
 EN 16931-ID: BT-127

Note: A free text containing unstructured information which is relevant for the positioning of invoice items

Example Inventory number 12345

Comfort: X

Extended: X

### SubjectCode

Free text of the line item (Subject code)

Status: **A**  
 Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote/SubjectCode*  
 Data Type: udt:CodeType  
 Cardinality: 0..1  
 Remark: To be selected from UNTDID 4451.

Example AAI

Extended: X

### SpecifiedTradeProduct

Grouping of product or service information

Status: **R**  
 Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct*  
 Data Type: ram:TradeProductType  
 Synonym: Grouping of information about the product or the service provided  
 Cardinality: 1..1  
 EN 16931-ID: BG-31

Note: A group of business terms that contains information about the goods and services invoiced

Comfort: X

Extended: X

### SellerAssignedID

Seller's article number

Status: **O**  
 Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/SellerAssignedID*  
 Data Type: udt:IDType  
 Cardinality: 0..1  
 EN 16931-ID: BT-155

Note: Information directly relating to the identification of an article by the sellers identification system.

Note: The term article is synonymous to the term item. In the global joint automotive guidelines the term article is used.

Example 1LE1504-1EB43-4AB4

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### BuyerAssignedID

BMW (buyer's) article number

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/BuyerAssignedID*

Data Type: udt:IDType

Length: 7 ... 10

Cardinality: 0..1

Remark: The identifier of the product is a unique, bilaterally agreed number of the product. It can, for example, be a customer item number or reference to the manufacturers part number.

EN 16931-ID: BT-156

Example AB34567-12

Comfort: X

Extended: X

### Name

Article name

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Name*

Data Type: udt:TextType

Length: 1 ... 250

Cardinality: 1..1

EN 16931-ID: BT-153

Example SIMOTICS SD 1LE15 IEC-LV-MOTOR IE4

Comfort: X

Extended: X

### Description

Article description

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Description*

Data Type: udt:TextType

Length: 1 ... 250

Cardinality: 0..1

EN 16931-ID: BT-154

Example Motor, 6 cylinder

Comfort: X

Extended: X

### OriginTradeCountry

Details of product origin

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/OriginTradeCountry*

Data Type: ram:TradeCountryType

Cardinality: 0..1

Usage: Country Of Origin: Country in which goods have been produced or manufactured, according to criteria laid down for the purposes of application of the customs tariff, quantitative restrictions, etc.

Comfort: X

Extended: X

### ID

Country of origin (Code)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/OriginTradeCountry/ID*

Data Type: qdt:CountryIDType

Length: 1 ... 2

Cardinality: 1..1

EN 16931-ID: BT-159

Example DE

## Details - ZUGFeRD 2.1 schema

Comfort: X Extended: X	
<b>SpecifiedLineTradeAgreement</b>	Grouping of agreement information
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement</i> Data Type: ram:LineTradeAgreementType Cardinality: 1..1 EN 16931-ID: BG-29	
Comfort: X Extended: X	
<b>BuyerOrderReferencedDocument</b>	Details on referenced order
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument</i> Data Type: ram:ReferencedDocumentType Cardinality: 0..1	
Comfort: X Extended: X	
<b>IssuerAssignedID</b>	BMW order Id / number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument/IssuerAssignedID</i> Data Type: udt:IDType Length: 1 ... 16 Cardinality: 1..1 Note: If different order numbers in different invoice lines are possible, please send the BMW order number here. Don't send additional text like "F37PNPF from 01.01.2019" etc. For BMW Company Code A1, MU and B7 the order number must match one of these formats: a) 10 characters numeric b) 7 characters numeric c) 7 characters alphanumeric For different BMW Company Codes like C5 and S5 there is no special requirement. The order number is needed to process the invoice automated on BMW side. As alternative you can also send the delivery note number or both. Example: F37PNPF	
Comfort: X Extended: X	
<b>LineID</b>	reference to the order Item number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument/LineID</i> Data Type: udt:IDType Length: 1 ... 5 Synonym: order item number Cardinality: 0..1 Remark: Reference to the order reference is made at the document level. EN 16931-ID: BT-132 Note: An identifier for a position within an order made by the buyer Example: 1	
Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>FormattedIssueDateTime</b>		Order date				
Status:	O					
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/ BuyerOrderReferencedDocument/FormattedIssueDateTime					
Data Type:	qdt:FormattedDateTimeType					
Cardinality:	0..1					
Extended:	X					
<b>DateTimeString</b>		Order date, value				
Status:	R					
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/ BuyerOrderReferencedDocument/FormattedIssueDateTime/DateTimeString					
Data Type:	extension (xsd:string)					
Length:	1 ...					
Cardinality:	1..1					
Example	20200101					
Extended:	X					
<b>format</b>		Date, format				
Status:	R					
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/ BuyerOrderReferencedDocument/FormattedIssueDateTime/DateTimeString/@format					
Data Type:	qdt:FormattedDateTimeFormatContentType					
Use:	required					
Example	102					
Extended:	X					
Codelist:	UNTDID 2379					
Allowed codes:	<table><tr><th>Code</th><th>Codename</th></tr><tr><td>102</td><td>CCYYMMDD</td></tr></table>		Code	Codename	102	CCYYMMDD
Code	Codename					
102	CCYYMMDD					
<b>GrossPriceProductTradePrice</b>		Details on gross price excluding taxes				
Status:	A					
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/ GrossPriceProductTradePrice					
Data Type:	ram:TradePriceType					
Cardinality:	0..1					
Comfort:	X					
Extended:	X					
<b>ChargeAmount</b>		Gross price				
Status:	R					
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/ GrossPriceProductTradePrice/ChargeAmount					
Data Type:	udt:AmountType					
Cardinality:	1..1					
Remark:	Gross and net price always have to be used.					
EN 16931-ID:	BT-148					
Example	2580.28					
Comfort:	X					
Extended:	X					

## Details - ZUGFeRD 2.1 schema

### BasisQuantity

Price base quantity

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
GrossPriceProductTradePrice/BasisQuantity*

Data Type: udt:QuantityType

Cardinality: 0..1

Usage: Price for 1 piece

EN 16931-ID: BT-149

Note: The number of item units to which the price applies

Example 1

Comfort: X

Extended: X

### unitCode

Price base quantity unit

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
GrossPriceProductTradePrice/BasisQuantity/@unitCode*

Data Type: xs:token

Length: 2 ... 3

Synonym: Unit of the price base quantity

Remark: The unit of measurement of the base quantity at the item price must be the same as the unit of measurement of the invoiced quantity (BT-130).

**Code list: UN/ECE Recommendation N°20, UN/ECE Recommendation N°21**

Use: required

EN 16931-ID: BT-150

Note: The unit of measurement that applies to the basic item price

Example C62

Comfort: X

Extended: X

### AppliedTradeAllowanceCharge

Details on allowances and charges

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
GrossPriceProductTradePrice/AppliedTradeAllowanceCharge*

Data Type: ram:TradeAllowanceChargeType

Cardinality: 0..n

Note: In principle, invoice in the automotive industry have to include the last price including all allowances and charges related to the line item. Other allowances / charges shall not be used. They are either incorporated in the net price or represented as a separate line item. In the EN 16931 and the German implementation, the XRechnung, the options are somewhat wider: Every line item has to state the net price, which is calculated as gross price minus price allowances per price unit. Beside this there can be allowances and charges as lump sum or percentage which are related to the product net price \* invoiced quantity. Since there is the intention to accept invoices compliant to the EU norm, this guideline allows to use Allowance/Charge for this purpose.

Comfort: X

Extended: X

### ChargeIndicator

Charge indicator

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/ChargeIndicator*

Data Type: udt:IndicatorType

Cardinality: 1..1

## Details - ZUGFeRD 2.1 schema

	Extended: X Comfort: X	
Indicator	Charge indicator, Wert	
	Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/ChargeIndicator/Indicator</i> Data Type: xs:boolean Cardinality: 1..1 Usage: EN 16931: false = allowance Extended: false = allowance and true = charge Example false	
	Extended: X Comfort: X	
CalculationPercent	Allowance charge percent	
	Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/CalculationPercent</i> Data Type: udt:PercentType Cardinality: 0..1 Remark: Up to level COMFORT only the calculation result ist given (Actual.Amount). Example 8.00	
	Extended: X	
BasisAmount	Base amount for allowances and charges	
	Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/BasisAmount</i> Data Type: udt:AmountType Cardinality: 0..1 Example 2580.28	
	Extended: X	
ActualAmount	Allowance or charge amount	
	Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/ActualAmount</i> Data Type: udt:AmountType Synonym: Amount of the charge / discount Cardinality: 1..1 Remark: Only applies if the discount is given per unit and is not included in the gross price. EN 16931-ID: BT-147 Note: The total discount subtracted from the gross price to calculate the net price Example 206.42	
	Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

### Reason

Reason for allowance or charge (free text)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/Reason*

Data Type: udt:TextType

Length: 1 ... 250

Cardinality: 0..1

Example Allowance

Extended: X

### NetPriceProductTradePrice

Details on net price without tax

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
NetPriceProductTradePrice*

Data Type: ram:TradePriceType

Cardinality: 1..1

Remark: The net prices included all allowances and charges, but no taxes.

Comfort: X

Extended: X

### ChargeAmount

Net price

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
NetPriceProductTradePrice/ChargeAmount*

Data Type: udt:AmountType

Cardinality: 1..1

Remark: Net and gross price must always be used.

EN 16931-ID: BT-146

Example 2373.86

Comfort: X

Extended: X

### BasisQuantity

Price base quantity

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
NetPriceProductTradePrice/BasisQuantity*

Data Type: udt:QuantityType

Cardinality: 0..1

EN 16931-ID: BT-149-0

Note: Price base (quantity) related to an unit price  
price for 1 piece -> price = 0.0664  
price for 100 piece -> price = 6.64

Example 1

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### unitCode

Unit of price base quantity

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/  
NetPriceProductTradePrice/BasisQuantity/@unitCode*

Data Type: xs:token

Length: 2 ... 3

Synonym: Unit of the price base quantity

Remark: The unit of measurement of the base quantity at the item price must be the same as the unit of measurement of the invoiced quantity (BT-130).

**Code list: UN/ECE Recommendation N°20, UN/ECE Recommendation N°21**

Use: required

EN 16931-ID: BT-150-0

Note: The unit of measurement that applies to the basic item price

Example C62

Comfort: X

Extended: X

### SpecifiedLineTradeDelivery

Grouping on delivery information

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery*

Data Type: ram:LineTradeDeliveryType

Cardinality: 1..1

Comfort: X

Extended: X

### BilledQuantity

Billed quantity

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/BilledQuantity*

Data Type: udt:QuantityType

Synonym: Invoiced quantity

Cardinality: 1..1

EN 16931-ID: BT-129

Example 1.00

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### unitCode

Measurement unit

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/BilledQuantity/@unitCode*

Data Type: xs:token

Remark: The unit of measurement must be from the lists in UN / ECE Recommendation No. 20 "Codes for Units of Measure Used in International Trade" and UN / ECE Recommendation No. 21 "Codes for Passengers, Types of Cargo, Packages and Packaging Materials (with Complementary Codes for Package Names)" using the UN / ECE Rec No. 20 intro 2.a) selected procedure. Please noted that in most cases it is not necessary for buyers and sellers to fully implement these lists in their software. Sellers only need to support the units necessary for their goods and services; Buyers only need to verify that the units used in the invoice match the units used in other documents (such as contracts, catalogs, orders, and shipping notifications).

**Code list: UN/ECE Recommendation N°20, UN/ECE Recommendation N°21**

Use: required

EN 16931-ID: BT-130

Note: The unit of measurement that applies to the amount invoiced

Example: C62

Comfort: X

Extended: X

### ShipToTradeParty

Details on the alternative ship to

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty*

Data Type: ram:TradePartyType

Cardinality: 0..1

Extended: X

### ID

BMW Business Area Code - Position

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ID*

Data Type: udt:IDType

Length: 2 ... 2

Cardinality: 0..1

Remark: If different BMW Business Area codes per Line are possible , please use this field. Otherwise you can use the ShipToTradeParty group on document level. If BuyerTradeParty - ID = "A1" then ShipToTradeParty - ID (document level) or ShipToTradeParty - ID (line level) is required / mandatory. For all other BMW Company Codes like B7, C5, FE, LG, LY, MU, RK, S5, UH, U0 etc. the BMW Business Area code is optional. Default Code for all BMW plants is A1. If the buyer is a dealer or branch (corresponding to your BMW order form) you must send one code from codelist. If different codes are possible for each line item you should send this field, if not please use ShipToTradeParty on document level. The BMW Business Area Code refer to the buyer (BuyerTradeParty) and not to the ship to (ShipToTradeParty).

Note: branch, dealer

Example: A1

Extended: X

#### Codelist:

Allowed codes:	Code	Codename
	A1	BMW AG head office, all plants and divisions
	BC	BMW Classic
	BX	Niederlassung/Branch Berlin
	DG	Servicezentrum/Servicecenter Dingolfing
	DX	Niederlassung/Branch Düsseldorf
	FX	Niederlassung/Branch Frankfurt

## Details - ZUGFeRD 2.1 schema

### Codelist:

Allowed codes:	Code	Codename
	HH	Niederlassung/Branch Hamburg
	HX	Niederlassung/Branch Hannover
	LX	Niederlassung/Branch Leipzig
	MX	Niederlassung/Branch München
	NG	Niederlassung/Branch Gesamt (PCO)
	NX	Niederlassung/Branch Nürnberg
	RX	Servicezentrum/Servicecenter Regensburg
	SX	Niederlassung/Branch Stuttgart
	XA	Alpenhotel Ammerwald

### GlobalID

### BMW Business Unit Code

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/  
GlobalID*

Data Type: udt:IDType

Length: 1 ... 3

Synonym: refer to the BMW Business Area Code

Cardinality: 0..n

Usage: The code is needed to identify the correct invoice recipient if the invoice recipient is a branch or car dealer

Remark: If ShipToTradeParty - ID != „A1“ (like "LX") then GlobalID is a MUST, else a CAN  
information

Note: ultimate customer reference number

Example LXA

Extended: X

### Codelist:

Allowed codes:	Code	Codename
	BCA	BMW Classic Moosacher Str. 66
	BXA	Niederlassung Berlin Kaiserdamm 90 / Hauptbetrieb
	BXB	Niederlassung Berlin Gehringstrasse 20
	BXD	Niederlassung Berlin Kaiserdamm 90 / Mlni
	BXE	Niederlassung Berlin Blumberger Damm 2
	BXF	Niederlassung Berlin Kaiserdamm 90 / Motorrad Zentrum
	DGA	Servicezentrum Dingolfing Landshuter Str. 12
	DGB	Niederlassung Landshut Ohmstr. 2
	DGC	Niederlassung Dingolfing Karl-Dompert-Str. 7
	DGE	Niederlassung Dingolfing Landshuter Str. 12 / Motorrad Zentrum
	DGF	Niederlassung Moosthenning Gewerbefeld 4
	DXA	Niederlassung Düsseldorf Grafenberger Allee 277/258
	DXB	Niederlassung Düsseldorf Theodorstraße 279
	DXC	Niederlassung Düsseldorf BMW Motorradzentrum
	DXD	Niederlassung Bonn Vorgebirgsstrasse 95 / Hauptbetrieb
	DXE	Niederlassung Bonn Vorgebirgsstrasse 95 / Motorrad Zentrum
	DXF	Niederlassung Dortmund Nortkirchenstraße 111 / Hauptbetrieb
	DXG	Niederlassung Dortmund Nortkirchenstraße 111 / Motorrad Zentrum
	DXH	Niederlassung Essen Berthold-Beitz-Boulevard 508 / Hauptbetrieb und Gebr. Wagenzentrum
	DXK	Niederlassung Essen Berthold-Beitz-Boulevard 508 / Motorrad Zentrum
	FXA	Niederlassung Frankfurt Hanauer Landstraße 182/255
	FXB	Niederlassung Offenbach Spessarttring 9
	FXC	Niederlassung Frankfurt Hanauer Landstr. 182
	FXD	Niederlassung Dreieich Gustav-Otto-Strasse 1 / Motorrad Zentrum
	FXE	Niederlassung Dreieich Gustav-Otto-Strasse 1 / Gebrauchtwagenzentrum
	FXF	Niederlassung Darmstadt Marburger Str. 22
	FXM	Niederlassung Kassel Scharnhorststrasse 14
	FXN	Niederlassung Kassel Scharnhorststrasse 14 / Motorrad Zentrum

## Details - ZUGFeRD 2.1 schema

### Codelist:

Allowed codes: Code	Codename
FXS	Niederlassung Frankfurt Hanauer Landstrasse 182
HHA	Niederlassung Hamburg Offakamp 10 / Hauptbetrieb
HHB	Niederlassung Hamburg Süderstrasse 133
HHC	Niederlassung Hamburg Friedrich-Ebert-Damm 120
HHD	Niederlassung Barsbüttel Rahlstedter Strasse 4-10
HHE	Niederlassung Hamburg Osdorfer Landstrasse
HHG	Niederlassung Hamburg Offakamp 10 / Motorrad Zentrum
HHH	Niederlassung Hamburg Bergedorfer Strasse 68
HXA	Niederlassung Hannover Lister Kirchweg 87
HXB	Niederlassung Hannover Meelbaumstrasse 3
HXC	Niederlassung Hannover Lissabonner Allee 3 / EXPOPark
HXD	Niederlassung Hannover Lissabonner Allee 3 / Motorrad Zentrum
HXE	Niederlassung Göttingen Herbert-Quandt-Strasse 8
HXF	Niederlassung Bremen Borgwardstrasse 4 / Hauptbetrieb
HXG	Niederlassung Bremen Borgwardstrasse 4 - 6 / Motorrad Zentrum
LXA	Niederlassung Leipzig Zwickauer Strasse 55 / Hauptbetrieb
LXB	Niederlassung Leipzig Zwickauer Strasse 55 / Motorrad Zentrum
LXC	Niederlassung Leipzig BMW Allee 1
LXD	Niederlassung Chemnitz Röhrsdorfer Allee 3 / Hauptbetrieb
LXE	Niederlassung Chemnitz Röhrsdorfer Allee 3 / Motorrad Zentrum
LXF	Niederlassung Dresden Dohnaer Strasse 99 / Hauptbetrieb und Gebr. Wagenzentrum
LXG	Niederlassung Dresden Dohnaer Strasse 99 - 101 / Motorrad Zentrum
MXA	Niederlassung München Frankfurter Ring 35
MXB	Niederlassung Garching-Hochbrück Daimlerstrasse 21
MXD	Niederlassung München Riesenfeldstrasse 7
MXE	Niederlassung München Drygalski-Allee 35
MXF	Niederlassung München Werner-Heisenb
MXG	Niederlassung München Frankfurter Ring 35
MXH	Niederlassung München Nordallee 62
MXI	Niederlassung München Frankfurter Ring 29
MXK	Niederlassung Garching-Hochbrück Zeppelinstrasse 5
MXV	Niederlassung München Ingolstädter Straße 172
NXA	Niederlassung Nürnberg Witschelstrasse 60-62
NXB	Niederlassung Nürnberg Kilianstrasse 181
NXC	Niederlassung Nürnberg Witschelstrasse 60
NXE	Niederlassung Nürnberg Regensburger Strasse 420
NXS	Niederlassung Nürnberg Witschelstrasse 59
RXA	Servicezentrum Regensburg Herbert-Quandt-Allee
SXA	Niederlassung Stuttgart Untere Waldplätze 3
SXB	Niederlassung Stuttgart Pragstrasse 140
SXC	Niederlassung Stuttgart Pascalstr. 1
SXD	Niederlassung Mannheim Neckarauer Strasse 164
SXE	Niederlassung Mannheim Inselstrasse 2
SXG	Niederlassung Saarbrücken Am Halberg 6-7
SXH	Niederlassung Saarlouis Schanzenstrasse 20
SXK	Niederlassung Saarbrücken Am Halberg 6-7
SXL	Niederlassung Kirel Konrad-Zuse-Str. 1
XA	Alpenhotel Ammerwald

## Details - ZUGFeRD 2.1 schema

<b>schemelD</b>	Type of global identifier
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/GlobalID/@schemelD</i> Data Type: xs:token Usage: 1..1 Remark: Please use the code "0015" for the BMW Business Unit Use: required Example 0015 Extended: X	
<b>Name</b>	(Company) name of ship to
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/Name</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 1..1 Example BMW AG Zentrale, Werke und Sparten Extended: X	
<b>DefinedTradeContact</b>	Details of the contact person
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact</i> Data Type: ram:TradeContactType Cardinality: 0..1 Extended: X	
<b>PersonName</b>	Name of the contact person
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/PersonName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Hans Muster Extended: X	
<b>DepartmentName</b>	Department name
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/DepartmentName</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 0..1 Example Goods receiving Extended: X	

## Details - ZUGFeRD 2.1 schema

	<b>TelephoneUniversalCommunication</b>	Phone number
	Status: <b>O</b>	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/TelephoneUniversalCommunication</i>	
	Data Type: ram:UniversalCommunicationType	
	Cardinality: 0..1	
	Extended: X	
	<b>CompleteNumber</b>	Phone number, value
	Status: <b>R</b>	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber</i>	
	Data Type: udt:TextType	
	Length: 1 ... 20	
	Cardinality: 1..1	
	Example +49 (123) 56789-0	
	Extended: X	
	<b>FaxUniversalCommunication</b>	Details of the fax number
	Status: <b>O</b>	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/FaxUniversalCommunication</i>	
	Data Type: ram:UniversalCommunicationType	
	Cardinality: 0..1	
	Extended: X	
	<b>CompleteNumber</b>	Fax number
	Status: <b>R</b>	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber</i>	
	Data Type: udt:TextType	
	Length: 1 ... 20	
	Cardinality: 1..1	
	Example +49 (123) 56789-999	
	Extended: X	
	<b>EmailURIUniversalCommunication</b>	Details on email
	Status: <b>O</b>	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/EmailURIUniversalCommunication</i>	
	Data Type: ram:UniversalCommunicationType	
	Cardinality: 0..1	
	Extended: X	
	<b>URIID</b>	Email
	Status: <b>R</b>	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID</i>	
	Data Type: udt:IDType	
	Length: 1 ... 100	
	Cardinality: 1..1	
	Example hans.muster@buyer.de	
	Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>PostalTradeAddress</b>	Details on address
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 0..1 Extended: X	
<b>PostcodeCode</b>	Postcode
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Cardinality: 0..1 Example 80788 Extended: X	
<b>LineOne</b>	Line one of address
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/LineOne</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Remark: Indication of street or postal box. Example Knorrstraße 147 Extended: X	
<b>LineTwo</b>	Line two
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/LineTwo</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example 3. Etage rechts Extended: X	
<b>CityName</b>	City
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/CityName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 1..1 Example München Extended: X	

## Details - ZUGFeRD 2.1 schema

### CountryID

Country (Code)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/  
PostalTradeAddress/CountryID*

Data Type: qdt:CountryIDType

Cardinality: 1..1

Note: Identification of the name of the country or other geographical entity as defined in ISO 3166-1.

Example DE

Extended: X

### ActualDeliverySupplyChainEvent

Details on actual delivery

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/  
ActualDeliverySupplyChainEvent*

Data Type: ram:SupplyChainEventType

Cardinality: 0..1

Note: If the items on an invoice have several different delivery / service dates, the delivery / service date must be transferred separately for each item

Extended: X

### OccurrenceDateTime

Actual date of delivery or date of service provision

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/  
ActualDeliverySupplyChainEvent/OccurrenceDateTime*

Data Type: udt:DateTimeType

Cardinality: 1..1

Remark: The actual date of delivery in respect of VAT must be provided on header level

Extended: X

### DateTimeString

Actual date of delivery or date of service provision, value

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/  
ActualDeliverySupplyChainEvent/OccurrenceDateTime/DateTimeString*

Data Type: extension (xsd:string)

Length: 1 ...

Synonym: Delivery / Service Completion Date, date of supply

Cardinality: 1..1

Remark: The actual date of delivery in respect of VAT must be provided on header level

Example 20200101

Extended: X

### format

Date, format

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/  
ActualDeliverySupplyChainEvent/OccurrenceDateTime/DateTimeString/@format*

Data Type: xs:string

Use: required

Example 102

Extended: X

**Codelist:** UNTDID 2379

Allowed codes:	Code	Codename
	102	CCYYMMDD

## Details - ZUGFeRD 2.1 schema

<b>DeliveryNoteReferencedDocument</b>		Details on referenced delivery note
Status:	<b>A</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/DeliveryNoteReferencedDocument</i>	
Data Type:	ram:ReferencedDocumentType	
Cardinality:	0..1	
Extended:	X	
<b>IssuerAssignedID</b>		Delivery Note Number, line item
Status:	<b>O</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/DeliveryNoteReferencedDocument/IssuerAssignedID</i>	
Data Type:	udt:IDType	
Synonym:	ASN	
Cardinality:	0..1	
Example	SIPS80081334790	
Extended:	X	
<b>FormattedIssueDateTime</b>		Document date
Status:	<b>O</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime</i>	
Data Type:	qdt:FormattedDateTimeType	
Cardinality:	0..1	
Extended:	X	
<b>DateTimeString</b>		Delivery Note date, value
Status:	<b>R</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime/DateTimeString</i>	
Data Type:	extension (xsd:string)	
Length:	1 ... 8	
Cardinality:	1..1	
Example	20160419	
Extended:	X	
<b>format</b>		Date, format
Status:	<b>R</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime/DateTimeString/@format</i>	
Data Type:	qdt:FormattedDateTimeFormatContentType	
Use:	required	
Example	102	
Extended:	X	
<b>Codelist:</b>	UNTDID 2379	
<b>Allowed codes:</b>	<i>Code</i>	<i>Codename</i>
	102	CCYYMMDD
<b>SpecifiedLineTradeSettlement</b>		Grouping on settlement information
Status:	<b>R</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement</i>	
Data Type:	ram:LineTradeSettlementType	
Cardinality:	1..1	

## Details - ZUGFeRD 2.1 schema

Extended: X Comfort: X	
<b>ApplicableTradeTax</b>	Details on taxes
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax</i> Data Type: ram:TradeTaxType Cardinality: 1..1 Remark: This section must be used even in the BASIC profile, if the invoice needs to show more than one tax type.	
EN 16931-ID: BG-30	
Extended: X Comfort: X	
<b>CalculatedAmount</b>	Tax amount
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/CalculatedAmount</i> Data Type: udt:AmountType Cardinality: 0..1 Remark: Specification only for taxes that are not VAT	
Extended: X	
<b>TypeCode</b>	Tax type (Code)
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/TypeCode</i> Data Type: qdt:TaxTypeCodeType Cardinality: 1..1 EN 16931-ID: BT-151-0 Example VAT	
Extended: X Comfort: X	
<b>ExemptionReason</b>	Exemption reason (free text)
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/ExemptionReason</i> Data Type: udt:TextType Cardinality: 0..1	
Extended: X	
<b>CategoryCode</b>	Tax category
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/CategoryCode</i> Data Type: qdt:TaxCategoryCodeType Cardinality: 1..1 EN 16931-ID: BT-151 Example S	
Extended: X Comfort: X	
<b>Codelist:</b> UNTDID 5305	
<b>Allowed codes:</b>	Code      Codename
	AE      VAT Reverse Charge

## Details - ZUGFeRD 2.1 schema

**Codelist:** UNTDID 5305

Allowed codes:	Code	Codename
	E	Exempt from tax
	G	Free export item, tax not charged
	K	VAT exempt for EEA intra-community supply of goods and services
	L	Canary Islands general indirect tax
	M	Tax for production, services and importation in Ceuta and Melilla
	O	Services outside scope of tax
	S	Standard rate
	Z	Zero rated goods

### ExemptionReasonCode

Exemption reason (code)

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/ExemptionReasonCode*

Data Type: udt:CodeType

Cardinality: 0..1

Extended: X

### RateApplicablePercent

Tax percentage

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/RateApplicablePercent*

Data Type: udt:PercentType

Cardinality: 0..1

EN 16931-ID: BT-152

Extended: X

Comfort: X

### SpecifiedTradeAllowanceCharge

Details on allowances and charges

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge*

Data Type: ram:TradeAllowanceChargeType

Cardinality: 0..n

EN 16931-ID: BG-27, BG-28

Note: In principle, invoice in the automotive industry have to include the last price including all allowances and charges related to the line item. Other allowances / charges shall not be used. They are either incorporated in the net price or represented as a separate line item. In the EN 16931 and the German implementation, the XRechnung, the options are somewhat wider: Every line item has to state the net price, which is calculated as gross price minus price allowances per price unit. Beside this there can be allowances and charges as lump sum or percentage which are related to the product net price \* invoiced quantity. Since there is the intention to accept invoices compliant to the EU norm, this guideline allows to use Allowance/Charge for this purpose.

Comfort: X

Extended: X

### ChargeIndicator

Charge indicator

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/ChargeIndicator*

Data Type: udt:IndicatorType

Cardinality: 1..1

EN 16931-ID: BG-27-0, BG-28-0

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

Indicator	Charge indicator, value
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/ChargeIndicator/Indicator</i></p> <p>Data Type: xs:boolean</p> <p>Cardinality: 1..1</p> <p>Usage: For a discount (BG-27), the value of the ChargeIndicator must be set to "false". For a charge (BG-28), the value of the ChargeIndicator must be set to "true".</p> <p>EN 16931-ID: BG-27-00, BG-28-00</p> <p>Example false</p> <p>Comfort: X</p> <p>Extended: X</p>	
CalculationPercent	Allowance Charge Percent
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/CalculationPercent</i></p> <p>Data Type: udt:PercentType</p> <p>Cardinality: 0..1</p> <p>EN 16931-ID: BT-138, BT-143</p> <p>Example 8.00</p> <p>Comfort: X</p> <p>Extended: X</p>	
BasisAmount	Base amount of allowance or charge
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/BasisAmount</i></p> <p>Data Type: udt:AmountType</p> <p>Cardinality: 0..1</p> <p>EN 16931-ID: BT-137, BT-142</p> <p>Comfort: X</p> <p>Extended: X</p>	
ActualAmount	Allowance or charge actual amount
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/SpecifiedTradeAllowanceCharge/ActualAmount</i></p> <p>Data Type: udt:AmountType</p> <p>Cardinality: 1..1</p> <p>EN 16931-ID: BT-136, BT-141</p> <p>Example 10.00</p> <p>Comfort: X</p> <p>Extended: X</p>	

## Details - ZUGFeRD 2.1 schema

### ReasonCode

Reason for allowance or charge (Code)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/  
SpecifiedTradeAllowanceCharge/ReasonCode*

Data Type: qdt:AllowanceChargeReasonCodeType

Cardinality: 0..1

Usage: For discount (BG-27), the code list UNTDID 5189 is to be used.

For surcharge (BG-28) the code list UNTDID 7161 is to be used.

In particular, the following codes can be used:

AA = advertising

ABL = Additional packaging

ADR = Other services

ADT = pick-up

FC = Freight service

FI = Financing

LA = labeling

Remark: Use entries from the UNTDID 5189 code list (discounts) or the UNTDID 7161 code list (surcharges). The reason code for the invoice item discount and the reason for the invoice item discount must match

EN 16931-ID: BT-140, BT-145

Example: ADR

Comfort: X

Extended: X

### Reason

Reason for allowance or charge (free text)

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/  
SpecifiedTradeAllowanceCharge/Reason*

Data Type: udt:TextType

Cardinality: 0..1

EN 16931-ID: BT-139, BT-144

Comfort: X

Extended: X

### SpecifiedTradeSettlementLineMonetarySum mation

Details on item summation

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/  
SpecifiedTradeSettlementLineMonetarySummation*

Data Type: ram:TradeSettlementLineMonetarySummationType

Cardinality: 1..1

Usage: If only a text block without pricing is specified, this block can be omitted. Otherwise, it must be indicated.

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### LineTotalAmount

Line total amount

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/  
SpecifiedTradeSettlementLineMonetarySummation/LineTotalAmount*

Data Type: udt:AmountType

Cardinality: 1..1

Remark: The line total amount is the net amount, including any additions and deductions without specifying the value-added tax.

EN 16931-ID: BT-131

Example 2373.86

Comfort: X

Extended: X

### ApplicableHeaderTradeAgreement

Grouping on trade agreement

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement*

Data Type: ram:HeaderTradeAgreementType

Cardinality: 1..1

Comfort: X

Extended: X

### BuyerReference

Buyer reference

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerReference*

Data Type: udt:TextType

Cardinality: 0..1

Remark: The reference is determined by the buyer (e.g. contact details, department, office ID, project code), but specified by the seller in the invoice.

EN 16931-ID: BT-10

CIUS remark: An identifier assigned by the purchaser and used for internal control purposes (Leitwegs-ID)

CIUS restriction: 1..1

CIUS rule: The element "Buyer reference" (BT-10) must be submitted.

CIUS ID: BR-DE-15

Example ABC1234

Comfort: X

Extended: X

### SellerTradeParty

Seller

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTradeParty*

Data Type: ram:TradePartyType

Synonym: Supplier, beneficiary

Cardinality: 1..1

EN 16931-ID: BG-4

Note: The seller (=taxable person) is, by default, also the invoice issuer, the originator of the invoice, the supplier and the payee. If some of these roles have been transferred to other people, these must be defined separately.

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### ID

BMW supplier/seller number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTradeParty/ID*

Data Type: udt:IDType

Length: 1 ... 8

Synonym: Supplier identification assigned by the customer

Cardinality: 1..1

Remark: The seller's ID is a unique identifier assigned to the seller and agreed on a bilateral basis.

**Please send the BMW supplier number without "space", "minus" etc.**

EN 16931-ID: BT-29

Example 12345678

Comfort: X

Extended: X

### GlobalID

Global identifier of the seller

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTradeParty/GlobalID*

Data Type: udt:IDType

Synonym: GLN, DUNS, BIC, ODETTE, ...

Cardinality: 0..n

Remark: The seller's global ID is a unique identifier assigned to a seller by a global registration body.

EN 16931-ID: BT-29-0

Example 4000001000005

Comfort: X

Extended: X

### schemeID

Type of global identifier

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTradeParty/GlobalID/@schemeID*

Data Type: xs:token

Usage: In particular, the following codes can be used:

0021: SWIFT

0088: EAN

0060: DUNS

0177: ODETTE

Use: required

EN 16931-ID: BT-29-1

Example 0088

Comfort: X

Extended: X

### Name

(Company) name of the seller

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTradeParty/Name*

Data Type: udt:TextType

Length: 1 ... 70

Cardinality: 1..1

EN 16931-ID: BT-27

Note: The complete and official name under which the seller is registered in the national legal entity register or as a taxable person or otherwise acts as a person (s)

Example Lieferant GmbH

## Details - ZUGFeRD 2.1 schema

	<p>Comfort: X Extended: X</p>	
	<p><b>SpecifiedLegalOrganization</b></p> <p>Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization</i> Data Type: ram:LegalOrganizationType Cardinality: 0..1 Comfort: X Extended: X</p>	<a href="#">Details on organization</a>
	<p><b>ID</b></p> <p>Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID</i> Data Type: udt:IDType Synonym: Company/place registration number and legal seat, SIREN Cardinality: 0..1 Usage: Based on country specific requirements this can become a mandatory information EN 16931-ID: BT-30 Note: Trade register number and legal seat of the supplier / seller Example: Berlin, HRB 123456 Comfort: X Extended: X</p>	<a href="#">Seller legal registration identifier</a>
	<p><b>schemelD</b></p> <p>Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedLegalOrganization/ID/</i> <i>@schemelD</i> Data Type: xs:token Use: required EN 16931-ID: BT-30-1 Comfort: X Extended: X</p>	<a href="#">Type of identifier</a>
	<p><b>DefinedTradeContact</b></p> <p>Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact</i> Data Type: ram:TradeContactType Cardinality: 0..1 EN 16931-ID: BG-6 CIUS remark: A group of information items that contain seller contact information: CIUS restriction: 1..1 CIUS rule: The group "SELLER CONTACT" (BG-6) must be transmitted. CIUS ID: BR-DE-2 Comfort: X Extended: X</p>	<a href="#">Details on the seller's contact person</a>

## Details - ZUGFeRD 2.1 schema

### PersonName

Contact person name

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/PersonName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

EN 16931-ID: BT-41

CIUS remark: Seller contact point

CIUS restriction: 1..1

CIUS rule: The element "Seller contact point" (BT-41) must be transmitted.

CIUS ID: BR-DE-5

Example Karin Mustermann

Comfort: X

Extended: X

### DepartmentName

Department name

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/*

*DepartmentName*

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 0..1

EN 16931-ID: BT-41-0

Example Accounting

Comfort: X

Extended: X

### TelephoneUniversalCommunication

Details of the phone number

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/*

*TelephoneUniversalCommunication*

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

CIUS remark: Detailed information about the seller's phone number

CIUS restriction: 1..1

CIUS rule: The element "Seller contact telephone number" (BT-42) must be transmitted.

CIUS ID: BR-DE-6

Extended: X

Comfort: X

### CompleteNumber

Phone number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/*

*TelephoneUniversalCommunication/CompleteNumber*

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 1..1

EN 16931-ID: BT-42

Example +49 (123) 56789-0

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>FaxUniversalCommunication</b>	Details of the fax number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/ FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>CompleteNumber</b>	Fax number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/ FaxUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 Example +49 (123) 456789-999 Extended: X	
<b>EmailURIUniversalCommunication</b>	Details on email
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/ EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 CIUS remark: Detailed information on the email address of the seller CIUS restriction: 1..1 CIUS rule: The element "Seller contact email address" (BT-43) must be submitted. CIUS ID: BR-DE-7 Extended: X Comfort: X	
<b>URIID</b>	Email
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/ EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... 100 Cardinality: 1..1 EN 16931-ID: BT-43 Example karin.mustermann@seller.de Comfort: X Extended: X	
<b>PostalTradeAddress</b>	Details on address
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 1..1 EN 16931-ID: BG-5 Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

### PostcodeCode

Postcode

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/PostcodeCode*

Data Type: udt:CodeType

Length: 1 ... 17

Cardinality: 1..1

EN 16931-ID: BT-38

CIUS remark: Postcode of the seller's address

CIUS rule: The element "Seller post code" (BT-38) must be transmitted.

CIUS ID: BR-DE-4

Example 80333

Comfort: X

Extended: X

### LineOne

Line one of address

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/LineOne*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered.

EN 16931-ID: BT-35

Comfort: X

Extended: X

### LineTwo

Line two

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/LineTwo*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

Usage: If street, line 1 exceed 35 characters, please use part 2 for character 36-70

EN 16931-ID: BT-36

Example Gebäude 3

Comfort: X

Extended: X

### CityName

City

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/CityName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

EN 16931-ID: BT-37

CIUS remark: City of seller address

CIUS restriction: 1..1

CIUS rule: The element "Seller city" (BT-37) must be submitted.

CIUS ID: BR-DE-3

Example München

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>CountryID</b>	Country (Code)
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/CountryID</i> Data Type: qdt:CountryIDType Length: 2 ... 2 Cardinality: 1..1 EN 16931-ID: BT-40 Example DE	
Comfort: X Extended: X	
<b>CountrySubDivisionName</b>	Country sub division
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/            CountrySubDivisionName</i> Data Type: udt:TextType Cardinality: 0..1 EN 16931-ID: BT-39 Example Bayern	
Comfort: X Extended: X	
<b>SpecifiedTaxRegistration</b>	Tax registration details
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedTaxRegistration</i> Data Type: ram:TaxRegistrationType Cardinality: 0..n	
Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

ID

(Local) tax Id  
VAT Id

Status: **D**  
**R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedTaxRegistration/ID*

Data Type: udt:IDType

Length: 1 ...

Cardinality: 1..1

Usage: In case of Seller's country code belongs to European Union (EU), Seller's VAT Registration Number is mandatory and Seller's Fiscal Number is optional for most of the EU countries.

In case of Seller's country code does not belong to European Union (EU), both Seller's VAT Registration Number and Seller's Fiscal Number are optional. But maybe some different Id and based on the country specific laws becomes mandatory.

Example:

Canada: GST/HST registration number of the supplier

Australia: Australian business number (ABN) of the supplier

EN 16931-ID: BT-31, BT-32

CIUS remark: BT-31: The sales tax identification number of the seller.

BT-32: A local tax identification number of the seller (determined by his address) or a reference to his registered tax status (tax number of the seller) ..

CIUS rule: BT-31: The element "Seller VAT identifier" (BT-31) must be transmitted if the element "Seller tax registration identifier" (BT-32) or a group "SELLER TAX REPRESENTATIVE PARTY" (BG-11) is not transmitted.

BT-32: (If necessary, the entry "Tax liability of the service recipient" or the VAT exemption of the biller must be entered here.)

CIUS ID: BR-DE-16

Example 201/113/40209

DE234567891

Comfort: X

Extended: X

schemelD

Type of tax identifier

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTradeParty/SpecifiedTaxRegistration/ID/  
@schemelD*

Data Type: xs:token

Synonym: tax Id, VAT Id

Usage: FC = Supplier / Seller Tax Number (BT-32)

VA = Supplier / Seller VAT ID (BT-31)

Use: required

EN 16931-ID: BT-31-0, BT-32-0

Example VA

Comfort: X

Extended: X

Codelist: UNTDID 1153

Allowed codes:	Code	Codename
	FC	Fiscal number
	VA	VAT registration number

## Details - ZUGFeRD 2.1 schema

### BuyerTradeParty

Buyer (=beneficiary)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*  
*ApplicableHeaderTradeAgreement/BuyerTradeParty*

Data Type: ram:TradePartyType

Synonym: Invoice recipient

Cardinality: 1..1

EN 16931-ID: BG-7

Note: The buyer (=customer) is, by default, also the ship-to-party, the invoicee and the payee.  
If some of these roles have been transferred to other people, these must be defined separately.

Comfort: X

Extended: X

### ID

BMW Company Code

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*  
*ApplicableHeaderTradeAgreement/BuyerTradeParty/ID*

Data Type: udt:IDType

Length: 2 ... 2

Synonym: customer number

Cardinality: 1..1

Remark: Code to identify the correct BMW company and assigned from BMW

EN 16931-ID: BT-46

Example A1

Comfort: X

Extended: X

#### Codelist:

Allowed codes:	Code	Codename
	A1	BMW AG
	B7	BMW Fahrzeugtechnik GmbH
	C5	BMW Motoren GmbH
	FE	Rolls-Royce Motor Cars GmbH
	LG	Rolls-Royce Motor Cars Limited
	LY	BMW SLP S.A. de C.V.
	MU	BMW (UK) Manufacturing Ltd.
	RK	BMW Mobility Development Center s.r.o.
	S5	BMW Österreich Holding GmbH
	U0	BMW Hams Hall Motoren GmbH
	UH	BMW Manufact Hungary Kft

### GlobalID

Global identifier of the buyer

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*  
*ApplicableHeaderTradeAgreement/BuyerTradeParty/GlobalID*

Data Type: udt:IDType

Synonym: GLN, DUNS, BIC,ODETTE, ...

Cardinality: 0..n

Remark: The buyer's global ID is a unique identifier assigned to a buyer by a global registration body.

EN 16931-ID: BT-46-0

Example 4000001000005

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### schemeID

Type of global identifier

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/GlobalID/@schemeID*

Data Type: xs:token

Usage: In particular, the following codes can be used:

0021: SWIFT  
0088: EAN  
0060: DUNS  
0177: ODETTE

Remark: If the identification scheme is used, it must be selected from the code list published by the ISO / IEC 6523 Maintenance Agency

Use: required

EN 16931-ID: BT-46-1

Example 0088

Comfort: X

Extended: X

### Name

BMW company name

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/Name*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

EN 16931-ID: BT-44

Example BMW AG

Comfort: X

Extended: X

### DefinedTradeContact

Details on the buyer's contact person

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact*

Data Type: ram:TradeContactType

Cardinality: 0..1

EN 16931-ID: BG-9

Comfort: X

Extended: X

### PersonName

Contact person name

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/PersonName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

EN 16931-ID: BT-56

Example Hans Muster

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>DepartmentName</b> Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/</i> <i>DepartmentName</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 0..1 EN 16931-ID: BT-56-0 Example Purchasing Department Comfort: X Extended: X	Department name
<b>TelephoneUniversalCommunication</b> Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/</i> <i>TelephoneUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Comfort: X Extended: X	Details of the phone number
<b>CompleteNumber</b> Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/</i> <i>TelephoneUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 EN 16931-ID: BT-57 Example +49 (123) 56789-0 Comfort: X Extended: X	Phone number
<b>FaxUniversalCommunication</b> Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/</i> <i>FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	Details of the fax number
<b>CompleteNumber</b> Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/</i> <i>FaxUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 Example +49 (123) 56789-999 Extended: X	Fax number

## Details - ZUGFeRD 2.1 schema

<b>EmailURIUniversalCommunication</b>	Details on email
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/            EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1	
Comfort: X Extended: X	
<b>URIID</b>	Email
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/            EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... 100 Cardinality: 1..1 EN 16931-ID: BT-58	
Example: hans.muster@buyer.de Comfort: X Extended: X	
<b>PostalTradeAddress</b>	Details on buyer address
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 1..1 EN 16931-ID: BG-8	
Note: Complete address of the buyer	
Comfort: X Extended: X	
<b>PostcodeCode</b>	Postcode buyer
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/            PostcodeCode</i> Data Type: udt:CodeType Length: 1 ... 17 Cardinality: 1..1 EN 16931-ID: BT-53 CIUS remark: Postcode of the buyers address CIUS restriction: 1..1 CIUS rule: The element "Buyer post code" (BT-53) must be submitted. CIUS ID: BR-DE-9	
Example: 80788 Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

### LineOne

Line one of address

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/LineOne*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

Remark: If address is a postbox address please send "Postfach", "Accounting",  
Rechnungsprüfung", "Kreditorenbuchhaltung" etc. as street

EN 16931-ID: BT-50

Example Petuelring 130

Comfort: X

Extended: X

### LineTwo

Line two

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/LineTwo*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

EN 16931-ID: BT-51

Note: If street, line 1 exceed 35 characters, please use part 2 for character 36-70

Example 3. Etage rechts

Comfort: X

Extended: X

### CityName

City

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/CityName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

EN 16931-ID: BT-52

CIUS remark: Buyer city

CIUS restriction: 1..1

CIUS rule: The element "Buyer city" (BT-52) must be submitted.

CIUS ID: BR-DE-8

Example München

Comfort: X

Extended: X

### CountryID

Country (Code), buyer

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/CountryID*

Data Type: qdt:CountryIDType

Length: 2 ... 2

Cardinality: 1..1

EN 16931-ID: BT-55

Example DE

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>SpecifiedTaxRegistration</b>		Tax registration details
Status:	<b>A</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration</i>	
Data Type:	ram:TaxRegistrationType	
Cardinality:	0..1	
Comfort:	X	
Extended:	X	
<b>ID</b>		(Local) tax Id VAT Id, buyer
Status:	<b>D</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration/ID</i>	
Data Type:	udt:IDType	
Length:	1 ...	
Cardinality:	1..1	
Usage:	An invoice that contains the sales tax category code "AE" MUST contain the sales tax identification numbers (VAT ID) of the seller (service provider) AND the buyer (service recipient).	
EN 16931-ID:	BT-48	
Example	201/123/12340 DE234567780	
Comfort:	X	
Extended:	X	
<b>schemeID</b>		Type of tax identifier
Status:	<b>R</b>	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration/ID/ @schemeID</i>	
Data Type:	xs:token	
Synonym:	tax Id, VAT Id	
Usage:	VA = Buyer VAT ID FC = Buyer Tax Number	
Use:	required	
EN 16931-ID:	BT-48-0	
Example	FC, VA	
Comfort:	X	
Extended:	X	
<b>Codelist:</b>	UNTDID 1153	
<b>Allowed codes:</b>	<i>Code</i>	<i>Codename</i>
	FC	
	VA	VAT registration number

## Details - ZUGFeRD 2.1 schema

### SellerTaxRepresentativeTradeParty

Seller tax representative

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty*

Data Type: ram:TradePartyType

Synonym: Party declaring the Value Added Tax

Cardinality: 0..1

EN 16931-ID: BG-11

CIUS remark: Seller tax representative

CIUS rule: The "Seller VAT identifier" (BT-31) element must be transmitted if the "Seller tax registration identifier" (BT-32) element or a "SELLER TAX REPRESENTATIVE PARTY" (BG-11) group have not been transmitted.

CIUS ID: BR-DE-16

Note: A business partner who is not normally resident in a EU-Member State, or does not have a business establishment in that Member State and, in the case of a company, is not incorporated in that Member State, but makes taxable supplies of goods or services in that Member State, they are regarded as a non established taxable person. In such cases, the non established taxable person may appoint a VAT-registered tax representative, to maintain/preserve VAT records on his behalf and to make any required VAT declarations to the relevant tax authority.

Comfort: X

Extended: X

### ID

BMW supplier number

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/ID*

Data Type: udt:IDType

Length: 1 ... 8

Cardinality: 0..1

Note: Seller tax representative Id

Example 12345678

Extended: X

### GlobalID

Global seller tax representative Id

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/GlobalID*

Data Type: udt:IDType

Cardinality: 0..n

Example B123456

Extended: X

### schemeID

Type of global identifier

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/GlobalID/  
@schemeID*

Data Type: xs:token

Usage: In particular, the following codes can be used:

0021: SWIFT  
0088: EAN  
0060: DUNS  
0177: ODETTE

Remark: If the identification scheme is used, it must be selected from the code list published by the ISO / IEC 6523 Maintenance Agency

Use: required

Example 0088

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>Name</b>	Seller tax representative name
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/Name</i></p> <p>Data Type: udt:TextType</p> <p>Length: 1 ... 70</p> <p>Cardinality: 1..1</p> <p>EN 16931-ID: BT-62</p> <p>Example Seller Ltd.</p>	
<p>Comfort: X</p> <p>Extended: X</p>	
<b>SpecifiedLegalOrganization</b>	Details on organization
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/</i> <i>SpecifiedLegalOrganization</i></p> <p>Data Type: ram:LegalOrganizationType</p> <p>Cardinality: 0..1</p>	
Extended: X	
<b>ID</b>	Seller legal registration identifier
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/</i> <i>SpecifiedLegalOrganization/ID</i></p> <p>Data Type: udt:IDType</p> <p>Synonym: Trade register number and legal seat , SIREN</p> <p>Cardinality: 0..1</p> <p>Note: Company/place registration number and legal seat</p> <p>Example Berlin, HRB 123456</p>	
Extended: X	
<b>schemeID</b>	Type of identifier
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/</i> <i>SpecifiedLegalOrganization/ID/@schemeID</i></p> <p>Data Type: xs:token</p> <p>Usage: In particular, the following codes can be used:</p> <p>0021: SWIFT</p> <p>0088: EAN</p> <p>0060: DUNS</p> <p>0177: ODETTE</p> <p>Use: optional</p>	
Extended: X	
<b>DefinedTradeContact</b>	Details on the contact person
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/</i> <i>DefinedTradeContact</i></p> <p>Data Type: ram:TradeContactType</p> <p>Cardinality: 0..1</p>	
Extended: X	

## Details - ZUGFeRD 2.1 schema

### PersonName

Contact person name

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/  
DefinedTradeContact/PersonName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

Example Hans Muster

Extended: X

### DepartmentName

Department name

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/  
DefinedTradeContact/DepartmentName*

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 0..1

Example Accounting

Extended: X

### TelephoneUniversalCommunication

Details of the phone number

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/  
DefinedTradeContact/TelephoneUniversalCommunication*

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

Extended: X

### CompleteNumber

Phone number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/  
DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber*

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 1..1

Example +49 (123) 56789-0

Extended: X

### FaxUniversalCommunication

Details of the fax number

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/  
DefinedTradeContact/FaxUniversalCommunication*

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

Extended: X

### CompleteNumber

Fax number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/  
DefinedTradeContact/FaxUniversalCommunication/CompleteNumber*

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 1..1

Example +49 (123) 56789-999

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>EmailURIUniversalCommunication</b>	Details on email
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            DefinedTradeContact/EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>URIID</b>	Email
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            DefinedTradeContact/EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... 100 Cardinality: 1..1 Example <i>hans.muster@tax.de</i> Extended: X	
<b>PostalTradeAddress</b>	Details on address
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 1..1 EN 16931-ID: BG-12 Comfort: X Extended: X	
<b>PostcodeCode</b>	Postcode
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Length: 1 ... 17 Cardinality: 0..1 EN 16931-ID: BT-67 Example <i>69876</i> Comfort: X Extended: X	
<b>LineOne</b>	Line one of address
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            PostalTradeAddress/LineOne</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered. EN 16931-ID: BT-64 Example <i>Kundenstraße 15</i> Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>LineTwo</b>	Line two
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            PostalTradeAddress/LineTwo</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 EN 16931-ID: BT-65 Example Gebäude 3 Comfort: X Extended: X	
<b>CityName</b>	City
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            PostalTradeAddress/CityName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 EN 16931-ID: BT-66 Example Frankfurt Comfort: X Extended: X	
<b>CountryID</b>	Country (Code)
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            PostalTradeAddress/CountryID</i> Data Type: qdt:CountryIDType Length: 2 ... 2 Cardinality: 1..1 EN 16931-ID: BT-69 Example DE Comfort: X Extended: X	
<b>SpecifiedTaxRegistration</b>	Details on tax registration
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/            SpecifiedTaxRegistration</i> Data Type: ram:TaxRegistrationType Cardinality: 1..1 Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>ID</b>		(Local) tax Id VAT Id										
Status: <b>D</b> <b>D</b>												
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/ SpecifiedTaxRegistration/ID</i>												
Data Type: udt:IDType Length: 1 ... 35												
Cardinality: 1..1												
EN 16931-ID: BT-63												
Example 201/123/12340 DE234567780												
Comfort: X Extended: X												
<b>schemeID</b>	Type of tax identifier											
Status: <b>R</b>												
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/SellerTaxRepresentativeTradeParty/ SpecifiedTaxRegistration/ID/@schemeID</i>												
Data Type: xs:token												
Synonym: tax Id, VAT Id												
Remark: VA = Buyer VAT ID FC = Buyer Tax Number												
Use: required												
EN 16931-ID: BT-63-0												
Example VA												
Comfort: X Extended: X												
<b>Codelist:</b> ??UNTDID 1153												
<b>Allowed codes:</b>	<table><tr><th>Code</th><th>Codename</th></tr><tr><td>FC</td><td></td></tr><tr><td>VA</td><td>VAT registration number</td></tr></table>	Code	Codename	FC		VA	VAT registration number					
Code	Codename											
FC												
VA	VAT registration number											
<b>ApplicableTradeDeliveryTerms</b>	Details on delivery terms											
Status: <b>O</b>												
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/ApplicableTradeDeliveryTerms</i>												
Data Type: ram:TradeDeliveryTermsType												
Cardinality: 0..1												
Extended: X												
<b>DeliveryTypeCode</b>	Delivery type (Code)											
Status: <b>R</b>												
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/ApplicableTradeDeliveryTerms/DeliveryTypeCode</i>												
Data Type: qdt:DeliveryTermsCodeType												
Synonym: Incoterms												
Cardinality: 1..1												
Example EXW												
Extended: X												
<b>Codelist:</b>												
<b>Allowed codes:</b>	<table><tr><th>Code</th><th>Codename</th></tr><tr><td>CFR</td><td>Cost and Freight (insert named port of destination)</td></tr><tr><td>CIF</td><td>Cost, Insurance and Freight (insert named port of destination)</td></tr><tr><td>CIP</td><td>Carriage and Insurance Paid to (insert named place of destination)</td></tr><tr><td>CPT</td><td>Carriage Paid To (insert named place of destination)</td></tr></table>	Code	Codename	CFR	Cost and Freight (insert named port of destination)	CIF	Cost, Insurance and Freight (insert named port of destination)	CIP	Carriage and Insurance Paid to (insert named place of destination)	CPT	Carriage Paid To (insert named place of destination)	
Code	Codename											
CFR	Cost and Freight (insert named port of destination)											
CIF	Cost, Insurance and Freight (insert named port of destination)											
CIP	Carriage and Insurance Paid to (insert named place of destination)											
CPT	Carriage Paid To (insert named place of destination)											

## Details - ZUGFeRD 2.1 schema

### Codelist:

Allowed codes:	Code	Codename
	DAP	Delivered At Place (insert named place of destination)
	DAT	Delivered At Terminal (insert named terminal at port or place of destination)
	DDP	Delivered Duty Paid (insert named place of destination)
	EXW	Ex Works (insert named place of delivery)
	FAS	Free Alongside Ship (insert named port of shipment)
	FCA	Free Carrier (insert named place of delivery)
	FOB	Free On Board (insert named port of shipment)

### BuyerOrderReferencedDocument

[Details on corresponding order](#)

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument*

Data Type: ram:ReferencedDocumentType

Cardinality: 0..1

Comfort: X

Extended: X

### IssuerAssignedID

[Order number](#)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/IssuerAssignedID*

Data Type: udt:IDType

Length: 1 ... 16

Cardinality: 1..1

Usage: Please send the BMW order number only. Don't send additional text like "F37PNPF from 01.01.2019" etc. For BMW Company Code A1, MU and B7 the order number must match one of these formats:

- a) 10 characters numeric
- b) 7 characters numeric
- c) 7 characters alphanumeric

For different BMW Company Codes like C5 and S5 there is no special requirement. The order number is needed to process the invoice automated on BMW side. As alternative you can also send the delivery note number or both.

EN 16931-ID: BT-13

Example F37PNPF

Comfort: X

Extended: X

### FormattedIssueDateTime

[Order date](#)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/  
FormattedIssueDateTime*

Data Type: qdt:FormattedDateTimeType

Cardinality: 0..1

Extended: X

### DateTimeString

[Order date, value](#)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/  
FormattedIssueDateTime/DateTimeString*

Data Type: extension (xsd:string)

Length: 1 ... 8

Cardinality: 1..1

Example 20191224

Extended: X

## Details - ZUGFeRD 2.1 schema

<div>format</div>	Date, format									
<div>Status: <b>R</b></div> <div>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/</i> <i>FormattedIssueDateTime/DateTimeString/@format</i></div> <div>Data Type: qdt:FormattedDateTimeFormatContentType</div> <div>Use: required</div> <div>Example 102</div> <div>Extended: X</div> <div>Codelist: UNTDID 2379</div> <div><div>Allowed codes:</div><table><tr><th>Code</th><th>Codename</th></tr><tr><td>102</td><td>CCYYMMDD</td></tr></table></div>		Code	Codename	102	CCYYMMDD					
Code	Codename									
102	CCYYMMDD									
<div>AdditionalReferencedDocument</div>	Details on additional referenced document									
<div>Status: <b>O</b></div> <div>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/AdditionalReferencedDocument</i></div> <div>Data Type: ram:ReferencedDocumentType</div> <div>Cardinality: 0..n</div> <div>EN 16931-ID: BG-24</div> <div>Comfort: X</div> <div>Extended: X</div>										
<div>IssuerAssignedID</div>	Document number									
<div>Status: <b>R</b></div> <div>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/IssuerAssignedID</i></div> <div>Data Type: udt:IDType</div> <div>Length: 1 ...</div> <div>Cardinality: 1..1</div> <div>EN 16931-ID: BT-17, BT-18, BT-122</div> <div>Comfort: X</div> <div>Extended: X</div>										
<div>TypeCode</div>	Type of referenced document									
<div>Status: <b>R</b></div> <div>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/AdditionalReferencedDocument/TypeCode</i></div> <div>Data Type: qdt:DocumentCodeType</div> <div>Cardinality: 1..1</div> <div>EN 16931-ID: BT-17-0, BT-18-0, BT-122-0</div> <div>Example 916</div> <div>Comfort: X</div> <div>Extended: X</div> <div>Codelist:</div> <div><div>Allowed codes:</div><table><tr><th>Code</th><th>Codename</th></tr><tr><td>50</td><td>Validated priced tender</td></tr><tr><td>130</td><td>Invoicing data sheet</td></tr><tr><td>916</td><td>Related document</td></tr></table></div>		Code	Codename	50	Validated priced tender	130	Invoicing data sheet	916	Related document	
Code	Codename									
50	Validated priced tender									
130	Invoicing data sheet									
916	Related document									
<div>ApplicableHeaderTradeDelivery</div>	Grouping on delivery information									
<div>Status: <b>R</b></div> <div>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery</i></div> <div>Data Type: ram:HeaderTradeDeliveryType</div> <div>Cardinality: 1..1</div> <div>Comfort: X</div> <div>Extended: X</div>										

## Details - ZUGFeRD 2.1 schema

### ShipToTradeParty

ship to

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty*

Data Type: ram:TradePartyType

Synonym: Ship To / Delivery

Cardinality: 0..1

EN 16931-ID: BG-13

Comfort: X

Extended: X

### ID

BMW Business Area Code

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/ID*

Data Type: udt:IDType

Length: 2 ... 2

Synonym: branch, dealer

Cardinality: 0..1

Usage: IF BuyerTradeParty – ID = "A1" then ShipToTradeParty – ID is required / mandatory.  
For all other BMW Company Codes like B7, C5, FE, LG, LY, MU, RK, S5, UH, U0 etc. the BMW Business Area code is optional. Default Code for all BMW plants is A1.  
If the buyer is a dealer or branch (corresponding to your BMW order form) you must use one of the codes in the table. The BMW Business Area Code refers to the buyer (BuyerTradeParty) and not to the ship to (ShipToTradeParty).

EN 16931-ID: BT-71

Example LX

Comfort: X

Extended: X

### Codelist:

Allowed codes:	Code	Codename
	A1	BMW AG head office, all plants and divisions
	BC	BMW Classic
	BX	Niederlassung/Branch Berlin
	DG	Servicezentrum/Servicecenter Dingolfing
	DX	Niederlassung/Branch Düsseldorf
	FX	Niederlassung/Branch Frankfurt
	HH	Niederlassung/Branch Hamburg
	HX	Niederlassung/Branch Hannover
	LX	Niederlassung/Branch Leipzig
	MX	Niederlassung/Branch München
	NG	Niederlassung/Branch Gesamt (PCO)
	NX	Niederlassung/Branch Nürnberg
	RX	Servicezentrum/Servicecenter Regensburg
	SX	Niederlassung/Branch Stuttgart
	XA	Alpenhotel Ammerwald

## Details - ZUGFeRD 2.1 schema

### GlobalID

BMW Business Unit Code

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/GlobalID*

Data Type: udt:IDType

Length: 1 ... 3

Synonym: The code refers to the BMW Business Area Code

Cardinality: 0..n

Usage: The code is needed to identify the correct invoice recipient if the invoice recipient is a branch or car dealer

Remark: If ShipToTradeParty - ID != „A1“ (like "LX") then GlobalID is a MUST, else a CAN information. For Area Code = A1 GlobalID has not to be sent.

EN 16931-ID: BT-71-0

Note: ultimate customer reference number

Example LXA

Comfort: X

Extended: X

#### Codelist:

Allowed codes:	Code	Codename
	BCA	BMW Classic Moosacher Str. 66
	BXA	Niederlassung Berlin Kaiserdamm 90 / Hauptbetrieb
	BXB	Niederlassung Berlin Gehringstrasse 20
	BXD	Niederlassung Berlin Kaiserdamm 90 / Mini
	BXE	Niederlassung Berlin Blumberger Damm 2
	BXF	Niederlassung Berlin Kaiserdamm 90 / Motorrad Zentrum
	DGA	Servicezentrum Dingolfing Landshuter Str. 12
	DGB	Niederlassung Landshut Ohmstr. 2
	DGC	Niederlassung Dingolfing Karl-Dompert-Str. 7
	DGE	Niederlassung Dingolfing Landshuter Str. 12 / Motorrad Zentrum
	DGF	Niederlassung Moosthenning Gewerbefeld 4
	DXA	Niederlassung Düsseldorf Grafenberger Allee 277/258
	DXB	Niederlassung Düsseldorf Theodorstraße 279
	DXC	Niederlassung Düsseldorf BMW Motorradzentrum
	DXD	Niederlassung Bonn Vorgebirgsstrasse 95 / Hauptbetrieb
	DXE	Niederlassung Bonn Vorgebirgsstrasse 95 / Motorrad Zentrum
	DXF	Niederlassung Dortmund Nortkirchenstraße 111 / Hauptbetrieb
	DXG	Niederlassung Dortmund Nortkirchenstraße 111 / Motorrad Zentrum
	DXH	Niederlassung Essen Berthold-Beitz-Boulevard 508 / Hauptbetrieb und Gebr. Wagenzentrum
	DXK	Niederlassung Essen Berthold-Beitz-Boulevard 508 / Motorrad Zentrum
	FXA	Niederlassung Frankfurt Hanauer Landstraße 182/255
	FXB	Niederlassung Offenbach Spessarttring 9
	FXC	Niederlassung Frankfurt Hanauer Landstr. 182
	FXD	Niederlassung Dreieich Gustav-Otto-Strasse 1 / Motorrad Zentrum
	FXE	Niederlassung Dreieich Gustav-Otto-Strasse 1 / Gebrauchtwagenzentrum
	FXF	Niederlassung Darmstadt Marburger Str. 22
	FXM	Niederlassung Kassel Scharnhorststrasse 14
	FXN	Niederlassung Kassel Scharnhorststrasse 14 / Motorrad Zentrum
	FXS	Niederlassung Frankfurt Hanauer Landstrasse 182
	HHA	Niederlassung Hamburg Offakamp 10 / Hauptbetrieb
	HHB	Niederlassung Hamburg Süderstrasse 133
	HHC	Niederlassung Hamburg Friedrich-Ebert-Damm 120
	HHD	Niederlassung Barsbüttel Rahlstedter Strasse 4-10
	HHE	Niederlassung Hamburg Osdorfer Landstrasse
	HHG	Niederlassung Hamburg Offakamp 10 / Motorrad Zentrum
	HHH	Niederlassung Hamburg Bergedorfer Strasse 68
	HXA	Niederlassung Hannover Lister Kirchweg 87
	HXB	Niederlassung Hannover Meelbaumstrasse 3
	HXC	Niederlassung Hannover Lissabonner Allee 3 / EXPOPark

## Details - ZUGFeRD 2.1 schema

### Codelist:

Allowed codes: Code	Codename
HXD	Niederlassung Hannover Lissabonner Allee 3 / Motorrad Zentrum
HXE	Niederlassung Göttingen Herbert-Quandt-Strasse 8
HXF	Niederlassung Bremen Borgwardstrasse 4 / Hauptbetrieb
HXG	Niederlassung Bremen Borgwardstrasse 4 - 6 / Motorrad Zentrum
LXA	Niederlassung Leipzig Zwickauer Strasse 55 / Hauptbetrieb
LXB	Niederlassung Leipzig Zwickauer Strasse 55 / Motorrad Zentrum
LXC	Niederlassung Leipzig BMW Allee 1
LXD	Niederlassung Chemnitz Röhrsdorfer Allee 3 / Hauptbetrieb
LXE	Niederlassung Chemnitz Röhrsdorfer Allee 3 / Motorrad Zentrum
LXF	Niederlassung Dresden Dohnaer Strasse 99 / Hauptbetrieb und Gebr. Wagenzentrum
LXG	Niederlassung Dresden Dohnaer Strasse 99 - 101 / Motorrad Zentrum
MXA	Niederlassung München Frankfurter Ring 35
MXB	Niederlassung Garching-Hochbrück Daimlerstrasse 21
MXD	Niederlassung München Riesenfeldstrasse 7
MXE	Niederlassung München Drygalski-Allee 35
MXF	Niederlassung München Werner-Heisenb
MXG	Niederlassung München Frankfurter Ring 35
MXH	Niederlassung München Nordallee 62
MXI	Niederlassung München Frankfurter Ring 29
MXK	Niederlassung Garching-Hochbrück Zeppelinstrasse 5
MXV	Niederlassung München Ingolstädter Straße 172
NXA	Niederlassung Nürnberg Witschelstrasse 60-62
NXB	Niederlassung Nürnberg Kilianstrasse 181
NXC	Niederlassung Nürnberg Witschelstrasse 60
NXE	Niederlassung Nürnberg Regensburger Strasse 420
NXS	Niederlassung Nürnberg Witschelstrasse 59
RXA	Servicezentrum Regensburg Herbert-Quandt-Allee
SXA	Niederlassung Stuttgart Untere Waldplätze 3
SXB	Niederlassung Stuttgart Pragstrasse 140
SXC	Niederlassung Stuttgart Pascalstr. 1
SXD	Niederlassung Mannheim Neckarauer Strasse 164
SXE	Niederlassung Mannheim Inselstrasse 2
SXG	Niederlassung Saarbrücken Am Halberg 6-7
SXH	Niederlassung Saarlouis Schanzenstrasse 20
SXK	Niederlassung Saarbrücken Am Halberg 6-7
SXL	Niederlassung Kirkel Konrad-Zuse-Str. 1
XA	Alpenhotel Ammerwald

schemeID

Type of global identifier

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/GlobalID/@schemeID*

Data Type: xs:token

Usage: In particular, the following codes can be used:

0015: EDI  
0021: SWIFT  
0088: EAN  
0060: DUNS  
0149: Global Business Identifier  
0177: ODETTE

Remark: Please use the code "0015" for the BMW Business Unit

Use: required

EN 16931-ID: BT-71-1

Example: 0015

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

Name	(Company) name of ship to
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/Name</i>	
Data Type: udt:TextType	
Length: 1 ... 35	
Cardinality: 0..1	
EN 16931-ID: BT-70	
Example BMW AG Zentrale, Werke und Sparten	
Comfort: X	
Extended: X	
DefinedTradeContact	Details of the contact person
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact</i>	
Data Type: ram:TradeContactType	
Cardinality: 0..1	
Extended: X	
PersonName	Name of the contact person
Status: <span style="color: red;">D</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/PersonName</i>	
Data Type: udt:TextType	
Length: 1 ... 35	
Cardinality: 0..1	
Example Hans Muster	
Extended: X	
DepartmentName	Department name
Status: <span style="color: red;">D</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/DepartmentName</i>	
Data Type: udt:TextType	
Length: 1 ... 20	
Cardinality: 0..1	
Example Goods receiving	
Extended: X	
TelephoneUniversalCommunication	Details of the phone number
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/TelephoneUniversalCommunication</i>	
Data Type: ram:UniversalCommunicationType	
Cardinality: 0..1	
Extended: X	
CompleteNumber	Phone number
Status: <span style="color: red;">R</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber</i>	
Data Type: udt:TextType	
Length: 1 ... 20	
Cardinality: 1..1	
Example +49 (123) 56789-0	
Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>FaxUniversalCommunication</b>		Details of the fax number
Status:	O	
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/FaxUniversalCommunication	
Data Type:	ram:UniversalCommunicationType	
Cardinality:	0..1	
Extended:	X	
<b>CompleteNumber</b>		Fax number
Status:	R	
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber	
Data Type:	udt:TextType	
Length:	1 ... 20	
Cardinality:	1..1	
Example	+49 (123) 56789-999	
Extended:	X	
<b>EmailURIUniversalCommunication</b>		Details on email
Status:	O	
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/EmailURIUniversalCommunication	
Data Type:	ram:UniversalCommunicationType	
Cardinality:	0..1	
Extended:	X	
<b>URIID</b>		Email
Status:	R	
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID	
Data Type:	udt:IDType	
Length:	1 ... 100	
Cardinality:	1..1	
Example	hans.muster@buyer.tld	
Extended:	X	
<b>PostalTradeAddress</b>		Details on address
Status:	A	
Path:	CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress	
Data Type:	ram:TradeAddressType	
Cardinality:	0..1	
EN 16931-ID:	BG-15	
CIUS remark:	A group of information elements that provide information about the address to which the goods are delivered or to which the services are provided.	
CIUS restriction:	The group is only to be used if the delivery address deviates from the address for the purchaser. When the goods are picked up, the pick-up address is the delivery address. A full valid address must be given.	
Comfort:	X	
Extended:	X	

## Details - ZUGFeRD 2.1 schema

### PostcodeCode

Postcode

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/PostcodeCode*

Data Type: udt:CodeType

Length: 1 ... 17

Cardinality: 0..1

EN 16931-ID: BT-78

CIUS remark: Postal code of the delivery address

CIUS restriction: 1..1

CIUS rule: The element "Deliver to post code" (BT-78) must be transmitted.

CIUS ID: BR-DE-11, BR-DE-12

Example 69876

Comfort: X

Extended: X

### LineOne

Line one of address

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/LineOne*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered.

EN 16931-ID: BT-75

Example Kundenstraße 15

Comfort: X

Extended: X

### LineTwo

Line two

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/LineTwo*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

EN 16931-ID: BT-76

Example Gebäude 3

Comfort: X

Extended: X

### CityName

City

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/CityName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

EN 16931-ID: BT-77

CIUS remark: City of delivery address

CIUS restriction: 1..1

CIUS rule: The element "Deliver to city" (BT-77) must be transmitted.

CIUS ID: BR-DE-10

Example Frankfurt

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

CountryID	Country (Code)
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/CountryID</i>	
Data Type: qdt:CountryIDType	
Length: 2 ... 2	
Cardinality: 1..1	
EN 16931-ID: BT-80	
Example DE	
Comfort: X	
Extended: X	
UltimateShipToTradeParty	Details on alternative ultimate ship to
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty</i>	
Data Type: ram:TradePartyType	
Cardinality: 0..1	
Extended: X	
ID	Identification of ultimate ship to
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/ID</i>	
Data Type: udt:IDType	
Cardinality: 0..n	
Example U123456	
Extended: X	
GlobalID	Global identifier of the ultimate ship to
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/GlobalID</i>	
Data Type: udt:IDType	
Synonym: GLN, DUNS, BIC,ODETTE, ...	
Cardinality: 0..n	
Example GENODED1SPK, 4000001000005	
Extended: X	
schemeID	Type of global identifier
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/GlobalID/@schemeID</i>	
Data Type: xs:token	
Use: required	
Example 0021, 0088, 0060, 0177	
Extended: X	
Name	(Company) name of the ultimate ship to
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/Name</i>	
Data Type: udt:TextType	
Cardinality: 0..1	
Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>SpecifiedLegalOrganization</b>	<a href="#">Details on organization</a>
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/SpecifiedLegalOrganization</i>	
Data Type: ram:LegalOrganizationType	
Cardinality: 0..1	
Extended: X	
<b>ID</b>	<a href="#">Seller legal registration identifier</a>
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/SpecifiedLegalOrganization/ID</i>	
Data Type: udt:IDType	
Cardinality: 0..1	
Extended: X	
<b>schemeID</b>	<a href="#">Type of identifier</a>
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/SpecifiedLegalOrganization/ID/@schemeID</i>	
Data Type: xs:token	
Use: optional	
Extended: X	
<b>TradingBusinessName</b>	<a href="#">Trading name</a>
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/SpecifiedLegalOrganization/TradingBusinessName</i>	
Data Type: udt:TextType	
Cardinality: 0..1	
Extended: X	
<b>DefinedTradeContact</b>	<a href="#">(Company) name of the ultimate ship to</a>
Status: <span style="color: red;">O</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact</i>	
Data Type: ram:TradeContactType	
Cardinality: 0..1	
Extended: X	
<b>PersonName</b>	<a href="#">Name of the contact person</a>
Status: <span style="color: red;">D</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/PersonName</i>	
Data Type: udt:TextType	
Cardinality: 0..1	
Example Hans Muster	
Extended: X	
<b>DepartmentName</b>	<a href="#">Department name</a>
Status: <span style="color: red;">D</span>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/DepartmentName</i>	
Data Type: udt:TextType	
Cardinality: 0..1	
Example Accounting	
Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>TelephoneUniversalCommunication</b>	Details of the phone number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/TelephoneUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>CompleteNumber</b>	Phone number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... Cardinality: 1..1 Example +49 (123) 56789-0 Extended: X	
<b>FaxUniversalCommunication</b>	Details of the fax number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>CompleteNumber</b>	Fax number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... Cardinality: 1..1 Example +49 (123) 56789-999 Extended: X	
<b>EmailURIUniversalCommunication</b>	Details on email
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>URIID</b>	Email
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... Cardinality: 1..1 Example hans.muster@buyer.tld Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>PostalTradeAddress</b>	<a href="#">Details on address</a>
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 0..1 Extended: X	
<b>PostcodeCode</b>	<a href="#">Postcode</a>
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Cardinality: 0..1 Example 69876 Extended: X	
<b>LineOne</b>	<a href="#">Line one of address</a>
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress/LineOne</i> Data Type: udt:TextType Cardinality: 0..1 Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered. Example Kundenstraße 15 Extended: X	
<b>LineTwo</b>	<a href="#">Line two</a>
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress/LineTwo</i> Data Type: udt:TextType Cardinality: 0..1 Example Gebäude 3 Extended: X	
<b>LineThree</b>	<a href="#">Line three</a>
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress/LineThree</i> Data Type: udt:TextType Cardinality: 0..1 Example Door B Extended: X	
<b>CityName</b>	<a href="#">City</a>
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress/CityName</i> Data Type: udt:TextType Cardinality: 0..1 Example Frankfurt Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>CountryID</b>	Country (Code)
Status: <b>R</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress/CountryID</i>	
Data Type: qdt:CountryIDType	
Cardinality: 1..1	
Example DE	
Extended: X	
<b>CountrySubDivisionName</b>	Country sub division
Status: <b>A</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/PostalTradeAddress/CountrySubDivisionName</i>	
Data Type: udt:TextType	
Cardinality: 0..n	
Example NRW	
Extended: X	
<b>URIUniversalCommunication</b>	Details on electronic address
Status: <b>O</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/URIUniversalCommunication</i>	
Data Type: ram:UniversalCommunicationType	
Cardinality: 0..1	
Extended: X	
<b>URIID</b>	Electronic address
Status: <b>R</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/URIUniversalCommunication/URIID</i>	
Data Type: udt:IDType	
Length: 1 ...	
Cardinality: 1..1	
Extended: X	
<b>schemeID</b>	Type of electronic address
Status: <b>R</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/URIUniversalCommunication/URIID/@schemeID</i>	
Data Type: xs:token	
Use: required	
Extended: X	
<b>SpecifiedTaxRegistration</b>	Details on tax registration
Status: <b>O</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/SpecifiedTaxRegistration</i>	
Data Type: ram:TaxRegistrationType	
Cardinality: 0..n	
Extended: X	
<b>ID</b>	(Local) tax Id VAT Id
Status: <b>D</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/SpecifiedTaxRegistration/ID</i>	
Data Type: udt:IDType	
Length: 1 ...	
Cardinality: 1..1	
Example 201/123/12340 DE234567780	

## Details - ZUGFeRD 2.1 schema

<b>Extended:</b> X							
<b>schemeID</b>	Type of tax identifier						
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/UltimateShipToTradeParty/SpecifiedTaxRegistration/ID/@schemeID</i> Data Type: xs:token Synonym: tax Id, VAT Id Use: required Example FC, VA							
<b>Extended:</b> X							
<b>Codelist:</b> UNTDID 1153							
<b>Allowed codes:</b>	<table> <tr> <th>Code</th><th>Codename</th></tr> <tr> <td>FC</td><td>Fiscal number</td></tr> <tr> <td>VA</td><td>VAT registration number</td></tr> </table>	Code	Codename	FC	Fiscal number	VA	VAT registration number
Code	Codename						
FC	Fiscal number						
VA	VAT registration number						
<b>ShipFromTradeParty</b>	Identification of the alternative ship from						
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty</i> Data Type: ram:TradePartyType Cardinality: 0..1							
<b>Extended:</b> X							
<b>ID</b>	Identification of ship from						
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/ID</i> Data Type: udt:IDType Cardinality: 0..n Usage: Please send the BMW supplier number Example 12345678							
<b>Extended:</b> X							
<b>Name</b>	(Company) name of the ship from						
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/Name</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Seller Ltd.							
<b>Extended:</b> X							
<b>DefinedTradeContact</b>	Details of the contact person						
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact</i> Data Type: ram:TradeContactType Cardinality: 0..1							
<b>Extended:</b> X							
<b>PersonName</b>	Name of the contact person						
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/PersonName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Hans Muster							
<b>Extended:</b> X							

## Details - ZUGFeRD 2.1 schema

<b>DepartmentName</b>	Department name
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/DepartmentName</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 0..1 Example Shipping Extended: X	
<b>TelephoneUniversalCommunication</b>	Details of the phone number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/TelephoneUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>CompleteNumber</b>	Phone number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 Example +49 (123) 56789-0 Extended: X	
<b>FaxUniversalCommunication</b>	Details of the fax number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>CompleteNumber</b>	Fax number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 Example +49 (123) 56789-999 Extended: X	
<b>EmailURIUniversalCommunication</b>	Details on email
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	

## Details - ZUGFeRD 2.1 schema

URIID	Email
<p>Status: <b>R</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID</i></p> <p>Data Type: udt:IDType</p> <p>Length: 1 ... 100</p> <p>Cardinality: 1..1</p> <p>Example hans.muster@buyer.tld</p>	
Extended: X	
PostalTradeAddress	Details on address
<p>Status: <b>A</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress</i></p> <p>Data Type: ram:TradeAddressType</p> <p>Cardinality: 0..1</p>	
Extended: X	
PostcodeCode	Postcode
<p>Status: <b>A</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/PostcodeCode</i></p> <p>Data Type: udt:CodeType</p> <p>Length: 1 ... 17</p> <p>Cardinality: 0..1</p> <p>Example 69876</p>	
Extended: X	
LineOne	Line one of address
<p>Status: <b>A</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/LineOne</i></p> <p>Data Type: udt:TextType</p> <p>Length: 1 ... 35</p> <p>Cardinality: 0..1</p> <p>Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered.</p> <p>Example Kundenstraße 15</p>	
Extended: X	
LineTwo	Line two
<p>Status: <b>O</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/LineTwo</i></p> <p>Data Type: udt:TextType</p> <p>Length: 1 ... 35</p> <p>Cardinality: 0..1</p> <p>Example Gebäude 3</p>	
Extended: X	
CityName	City
<p>Status: <b>A</b></p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/CityName</i></p> <p>Data Type: udt:TextType</p> <p>Length: 1 ... 35</p> <p>Cardinality: 0..1</p> <p>Example Frankfurt</p>	
Extended: X	

## Details - ZUGFeRD 2.1 schema

CountryID	Country (Code)
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/CountryID</i> Data Type: qdt:CountryIDType Length: 2 ... 2 Cardinality: 1..1 Example DE Extended: X	
ActualDeliverySupplyChainEvent	Details on actual delivery
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ActualDeliverySupplyChainEvent</i> Data Type: ram:SupplyChainEventType Cardinality: 1..1 Comfort: X Extended: X	
OccurrenceDateTime	Actual date of delivery of goods/provision of services
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ActualDeliverySupplyChainEvent/OccurrenceDateTime</i> Data Type: udt:DateTimeType Cardinality: 1..1 Usage: In Germany, the actual delivery date is mandatory. It can be stated here or on line item level. Comfort: X Extended: X	
DateTimeString	Actual date of delivery of goods/provision of services, value
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ActualDeliverySupplyChainEvent/OccurrenceDateTime/DateTimeString</i> Data Type: extension (xsd:string) Length: 1 ... 8 Synonym: Actual date of delivery of goods/provision of services for VAT purposes, date of supply, service completion date Cardinality: 1..1 Usage: In Germany, the delivery and service date must always be stated in invoices. Prepayment invoices are an exception (ExchangedDocument \ TypeCode = 386), in which the delivery or service date has not yet been determined at the time of invoicing. Remark: Indicating either here for the entire bill, or alternatively for each line item EN 16931-ID: BT-72 Example 20200201 Comfort: X Extended: X Comfort: X	
format	Date, format
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ActualDeliverySupplyChainEvent/OccurrenceDateTime/DateTimeString/@format</i> Data Type: xs:string Use: required EN 16931-ID: BT-72-0 Example 102 Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>Codelist:</b> UNTDID 2379	
<b>Allowed codes:</b>	<i>Code Codename</i>
102	CCYYMMDD
<b>DeliveryNoteReferencedDocument</b>	Details on referenced delivery note
Status: <b>A</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/DeliveryNoteReferencedDocument</i>	
Data Type: ram:ReferencedDocumentType	
Cardinality: 0..1	
Extended: X	
<b>IssuerAssignedID</b>	Delivery note number, document level
Status: <b>R</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/DeliveryNoteReferencedDocument/IssuerAssignedID</i>	
Data Type: udt:IDType	
Length: 1 ...	
Synonym: ASN	
Cardinality: 1..1	
Example SIPS80081334790	
Extended: X	
<b>FormattedIssueDateTime</b>	Delivery note date
Status: <b>O</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime</i>	
Data Type: qdt:FormattedDateTimeType	
Cardinality: 0..1	
Extended: X	
<b>DateTimeString</b>	Delivery note date, value
Status: <b>R</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime/DateTimeString</i>	
Data Type: extension (xsd:string)	
Length: 1 ... 8	
Cardinality: 1..1	
Example 20160419	
Extended: X	
<b>format</b>	Date, format
Status: <b>R</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime/DateTimeString/@format</i>	
Data Type: qdt:FormattedDateTimeFormatContentType	
Use: required	
Example 102	
Extended: X	
<b>Codelist:</b> UNTDID 2379	
<b>Allowed codes:</b>	<i>Code Codename</i>
102	CCYYMMDD
<b>ApplicableHeaderTradeSettlement</b>	Grouping on settlement information
Status: <b>R</b>	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement</i>	
Data Type: ram:HeaderTradeSettlementType	
Cardinality: 1..1	
Comfort: X	
Extended: X	

## Details - ZUGFeRD 2.1 schema

### InvoiceCurrencyCode

Invoice Currency

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceCurrencyCode*

Data Type: qdt:CurrencyCodeType

Cardinality: 1..1

EN 16931-ID: BT-5

Example EUR

Comfort: X

Extended: X

### InvoiceeTradeParty

Details on the alternative invoicee

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty*

Data Type: ram:TradePartyType

Synonym: Validator, Auditor, Deviating Invoicee

Cardinality: 0..1

Usage: Deviating Invoicee party has to occur in the message when differs from buyer

Extended: X

### ID

BMW Company Code

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ID*

Data Type: udt:IDType

Length: 2 ... 2

Cardinality: 1..1

Note: Identification of the alternative invoicee

Example A1

Extended: X

#### Codelist:

Allowed codes:	Code	Codename
	A1	BMW AG
	B7	BMW Fahrzeugtechnik GmbH
	C5	BMW Motoren GmbH
	FE	Rolls-Royce Motor Cars GmbH
	LG	Rolls-Royce Motor Cars Limited
	LY	BMW SLP S.A. de C.V.
	MU	BMW (UK) Manufacturing Ltd.
	RK	BMW Mobility Development Center s.r.o.
	S5	BMW Österreich Holding GmbH
	U0	BMW Hams Hall Motoren GmbH
	UH	BMW Manufact Hungary Kft

### GlobalID

Global identifier

Status: **A**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/GlobalID*

Data Type: udt:IDType

Synonym: GLN, DUNS, BIC,ODETTE, ...

Cardinality: 0..n

Example 4000001000005

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>schemeID</b>	Type of global identifier
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/GlobalID/@schemeID</i> Data Type: xs:token Usage: In particular, the following codes can be used: 0021: SWIFT 0088: EAN 0060: DUNS 0177: ODETTE Use: required Example 0088 Extended: X	
<b>Name</b>	(Company) name of the alternative invoicee
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/Name</i> Data Type: udt:TextType Cardinality: 1..1 Example BMW AG Extended: X	
<b>DefinedTradeContact</b>	Details of the contact person
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact</i> Data Type: ram:TradeContactType Cardinality: 0..1 Extended: X	
<b>PersonName</b>	Name of the contact person
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/PersonName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Hans Muster Extended: X	
<b>DepartmentName</b>	Department name
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/DepartmentName</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 0..1 Example Accounting Extended: X	
<b>TelephoneUniversalCommunication</b>	Details of the phone number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/TelephoneUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	

## Details - ZUGFeRD 2.1 schema

<b>CompleteNumber</b>		Phone number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/TelephoneUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 Example +49 (123) 56789-0 Extended: X		
<b>FaxUniversalCommunication</b>		Details of the fax number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X		
<b>CompleteNumber</b>		Fax number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/FaxUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 Example +49 (123) 56789-999 Extended: X		
<b>EmailURIUniversalCommunication</b>		Details on email
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X		
<b>URIID</b>		Email
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... 100 Cardinality: 1..1 Example hans.muster@buyer.de Extended: X		
<b>PostalTradeAddress</b>		Details on address
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 1..1 Extended: X		

## Details - ZUGFeRD 2.1 schema

### PostcodeCode

Postcode

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/PostcodeCode*

Data Type: udt:CodeType

Length: 1 ... 17

Cardinality: 1..1

Example 80788

Extended: X

### LineOne

Line one of address

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/LineOne*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

Remark: If address is a postbox address please send "Postfach", "Accounting",  
Rechnungsprüfung", "Kreditorenbuchhaltung" as street

Example Kreditorenbuchhaltung

Extended: X

### LineTwo

Line two

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/LineTwo*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

Example Gebäude 3

Extended: X

### CityName

City

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CityName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

Example München

Extended: X

### CountryID

Country (Code)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CountryID*

Data Type: qdt:CountryIDType

Cardinality: 1..1

Example DE

Extended: X

### PayeeTradeParty

Details on alternative payee

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/PayeeTradeParty*

Data Type: ram:TradePartyType

Cardinality: 0..1

Usage: Party to whom a payment has to be made if different to supplier / seller

EN 16931-ID: BG-10

## Details - ZUGFeRD 2.1 schema

<b>Comfort:</b> X <b>Extended:</b> X	
<b>ID</b>	BMW supplier number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/PayeeTradeParty/ID</i> Data Type: udt:IDType Length: 1 ... 8 Cardinality: 0..n Usage: Please send your BMW supplier number EN 16931-ID: BT-60 Note: Identification of the alternative payee Example 12345678	
<b>Comfort:</b> X <b>Extended:</b> X	
<b>GlobalID</b>	Global identifier of the payee
Status: <b>A</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/PayeeTradeParty/GlobalID</i> Data Type: udt:IDType Synonym: GLN, DUNS, BIC,ODETTE, ... Cardinality: 0..n EN 16931-ID: BT-60-0 Example 4000001000005	
<b>Comfort:</b> X <b>Extended:</b> X	
<b>schemeID</b>	Type of global identifier
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/PayeeTradeParty/GlobalID/@schemeID</i> Data Type: xs:token Usage: In particular, the following codes can be used: 0021: SWIFT 0088: EAN 0060: DUNS 0177: ODETTE Use: required EN 16931-ID: BT-60-1 Example 0088	
<b>Comfort:</b> X <b>Extended:</b> X	
<b>Name</b>	(Company) name of the alternative payee
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/PayeeTradeParty/Name</i> Data Type: udt:TextType Length: 1 ... Cardinality: 1..1 Remark: Must be used if the payee is not the same as the seller. However, the name of the payee may correspond to the name of the seller. EN 16931-ID: BT-59 Example Supplier Ltd.	
<b>Comfort:</b> X <b>Extended:</b> X	

## Details - ZUGFeRD 2.1 schema

<b>DefinedTradeContact</b>	Details of the contact person
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact</i> Data Type: ram:TradeContactType Cardinality: 0..1 Extended: X	
<b>PersonName</b>	Name of the contact person
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/PersonName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Hans Muster Extended: X	
<b>DepartmentName</b>	Department name
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/ DepartmentName</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 0..1 Example Accounting Extended: X	
<b>TelephoneUniversalCommunication</b>	Details of the phone number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/ TelephoneUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
<b>CompleteNumber</b>	Phone number
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/ TelephoneUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1 Example +49 (123) 56789-0 Extended: X	
<b>FaxUniversalCommunication</b>	Details of the fax number
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/ FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	

## Details - ZUGFeRD 2.1 schema

### CompleteNumber

Fax number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/  
FaxUniversalCommunication/CompleteNumber*

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 1..1

Example +49 (123) 56789-999

Extended: X

### EmailURIUniversalCommunication

Details on email

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/  
EmailURIUniversalCommunication*

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

Extended: X

### URIID

Email

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/DefinedTradeContact/  
EmailURIUniversalCommunication/URIID*

Data Type: udt:IDType

Length: 1 ... 100

Cardinality: 1..1

Example hans.muster@seller.de

Extended: X

### PostalTradeAddress

Details on address

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress*

Data Type: ram:TradeAddressType

Cardinality: 1..1

Extended: X

### PostcodeCode

Postcode

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/  
PostcodeCode*

Data Type: udt:CodeType

Length: 1 ... 17

Cardinality: 1..1

Example 69876

Extended: X

### LineOne

Line one of address

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/LineOne*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

Remark: Indication of street or postal box. For addresses indicating the postcode and locality, "-" must be entered.

Example Kundenstraße 15

Extended: X

## Details - ZUGFeRD 2.1 schema

### LineTwo

Line two

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/LineTwo*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

Example Gebäude 3

Extended: X

### CityName

City

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/CityName*

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

Example Frankfurt

Extended: X

### CountryID

Country (Code)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/PostalTradeAddress/CountryID*

Data Type: qdt:CountryIDType

Length: 2 ... 2

Cardinality: 1..1

Example DE

Extended: X

### SpecifiedTaxRegistration

Details on tax registration

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/SpecifiedTaxRegistration*

Data Type: ram:TaxRegistrationType

Cardinality: 0..n

Extended: X

### ID

(Local) tax Id  
VAT Id

Status: **D**  
**D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/SpecifiedTaxRegistration/ID*

Data Type: udt:IDType

Length: 1 ...

Cardinality: 1..1

Example 201/123/12340

DE234567780

Extended: X

### schemeID

Type of tax identifier

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/PayeeTradeParty/SpecifiedTaxRegistration/ID/  
@schemeID*

Data Type: xs:token

Synonym: tax Id, VAT Id

Use: required

Example FC, VA

## Details - ZUGFeRD 2.1 schema

<b>Extended:</b> X							
<b>Codelist:</b> UNTDID 1153							
<b>Allowed codes:</b>	<table> <tr> <th>Code</th><th>Codename</th></tr> <tr> <td>FC</td><td>Fiscal number</td></tr> <tr> <td>VA</td><td>VAT registration number</td></tr> </table>	Code	Codename	FC	Fiscal number	VA	VAT registration number
Code	Codename						
FC	Fiscal number						
VA	VAT registration number						
<b>TaxApplicableTradeCurrencyExchange</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange</i>							
Data Type: ram:TradeCurrencyExchangeType							
Cardinality: 0..1							
<b>Extended:</b> X							
<b>SourceCurrencyCode</b>	Invoice currency						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/</i> <i>SourceCurrencyCode</i>							
Data Type: qdt:CurrencyCodeType							
Cardinality: 1..1							
Example EUR							
<b>Extended:</b> X							
<b>TargetCurrencyCode</b>	Home Currency						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/</i> <i>TargetCurrencyCode</i>							
Data Type: qdt:CurrencyCodeType							
Cardinality: 1..1							
Usage: In some countries it is a requirement that, for invoicing in foreign currency, the invoice taxable and tax (e.g. VAT) amounts must also be expressed in home currency. Relating this to this field, authorities would require the invoicing currency and the home currency to be shown, together with the rate of exchange							
Example GBP							
<b>Extended:</b> X							
<b>ConversionRate</b>	Exchangerate						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/</i> <i>ConversionRate</i>							
Data Type: udt:RateType							
Cardinality: 1..1							
Example 0.8789							
<b>Extended:</b> X							
<b>ConversionRateDateTime</b>	Exchange date						
Status: <b>O</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/</i> <i>ConversionRateDateTime</i>							
Data Type: udt:DateTimeType							
Cardinality: 0..1							
<b>Extended:</b> X							

## Details - ZUGFeRD 2.1 schema

### DateTimeString

Exchangerate date

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/  
ConversionRateDateTime/DateTimeString*

Data Type: extension (xsd:string)

Length: 1 ... 8

Cardinality: 1..1

Example 20200110

### format

Date, format

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/  
ConversionRateDateTime/DateTimeString/@format*

Data Type: xs:string

Use: required

Example 102

**Codelist:** UNTDID 2379

Allowed codes:	Code	Codename
	102	CCYYMMDD

### SpecifiedTradeSettlementPaymentMeans

Details on payment means

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans*

Data Type: ram:TradeSettlementPaymentMeansType

Cardinality: 0..n

EN 16931-ID: BG-16

CIUS remark: A group of information items that provide information about how the payment should be made.

CIUS restriction: 1..1

CIUS rule: An invoice (INVOICE) must contain information on "PAYMENT INSTRUCTIONS" (BG-16).

CIUS ID: BR-DE-1

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### TypeCode

Payment means type (code)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/TypeCode*

Data Type: qdt:PaymentMeansCodeType

Cardinality: 1..1

Usage: In particular, the following codes can be used:

- 10 : in cash
- 20 : Cheque
- 30 : Credit transfer
- 42 : Payment to bank account
- 48 : Bank card
- 49 : Direct debit
- 57: Standing agreement
- 58 : SEPA Credit Transfer
- 59 : SEPA Direct Debit
- ZZZ : Mutually defined

Remark: The entries from the UNTDID 4461 code list must be used. A distinction should be made between SEPA and non-SEPA payments and between loan payments, direct debits, card payments and other means of payment.

EN 16931-ID: BT-81

Example 30

Comfort: X

Extended: X

### Information

Free text information on payment means

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/Information*

Data Type: udt:TextType

Cardinality: 0..1

EN 16931-ID: BT-82

Example per bank transfer

Comfort: X

Extended: X

### PayerPartyDebtorFinancialAccount

Buyer's financial institution

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

*ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/  
PayerPartyDebtorFinancialAccount*

Data Type: ram:DebtorFinancialAccountType

Cardinality: 0..1

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### IBANID

IBAN

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/  
PayerPartyDebtorFinancialAccount/IBANID*

Data Type: udt:IDType

Length: 1 ... 27

Cardinality: 1..1

Remark: Must be stated with direct debit

EN 16931-ID: BG-19/BT-91

CIUS remark: Direct debit: identification of the account to be debited

CIUS rule: Information on one of the three groups "CREDIT TRANSFER" (BG-17), "PAYMENT CARD INFORMATION" (BG-18) or "DIRECT DEBIT" (BG-19) must be provided in the invoice.

CIUS ID: BR-DE-13

Example: DE55 1234 5678 9012 3456 12

Comfort: X

Extended: X

### PayeePartyCreditorFinancialAccount

Seller's bank account

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/  
PayeePartyCreditorFinancialAccount*

Data Type: ram:CreditorFinancialAccountType

Cardinality: 0..1

EN 16931-ID: BG-17

CIUS remark: Bank transfer: Account number of the payee

CIUS rule: Information on one of the three groups "CREDIT TRANSFER" (BG-17), "PAYMENT CARD INFORMATION" (BG-18) or "DIRECT DEBIT" (BG-19) must be provided in the invoice.

CIUS ID: BR-DE-13

Comfort: X

Extended: X

### IBANID

IBAN

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/  
PayeePartyCreditorFinancialAccount/IBANID*

Data Type: udt:IDType

Cardinality: 0..1

EN 16931-ID: BT-84

Example: DE55 5678 5678 9012 3456 12

Comfort: X

Extended: X

### AccountName

Financial account name

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/  
PayeePartyCreditorFinancialAccount/AccountName*

Data Type: udt:TextType

Length: 1 ... 60

Synonym: Account holder

Cardinality: 0..1

Remark: Only required if different to payee / seller.

EN 16931-ID: BT-85

Example: Supplier Ltd.

## Details - ZUGFeRD 2.1 schema

<b>ProprietaryID</b>	
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/</i> <i>PayeePartyCreditorFinancialAccount/ProprietaryID</i> Data Type: udt:IDType Cardinality: 0..1 EN 16931-ID: BT-84-0 Example 9012345612	Account number (not SEPA)
<b>PayeeSpecifiedCreditorFinancialInstitution</b>	
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/</i> <i>PayeeSpecifiedCreditorFinancialInstitution</i> Data Type: ram:CreditorFinancialInstitutionType Cardinality: 0..1	Seller's financial institution
<b>BICID</b>	
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/</i> <i>PayeeSpecifiedCreditorFinancialInstitution/BICID</i> Data Type: udt:IDType Length: 1 ... 11 Cardinality: 1..1 EN 16931-ID: BT-86 Note: ID of the payment service provider Example XXXXXXXXXXXX	BIC
<b>ApplicableTradeTax</b>	
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/TradeTax/</i> Data Type: ram:TradeTaxType Cardinality: 1..n EN 16931-ID: BG-23	Grouping details on trade tax
<b>CalculatedAmount</b>	
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/TradeTax/CalculatedAmount</i> Data Type: udt:AmountType Synonym: tax amount Cardinality: 1..1 EN 16931-ID: BT-117 Example 451.03	Tax calculated amount

## Details - ZUGFeRD 2.1 schema

### TypeCode

Tax type (code)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/ApplicableTradeTax/TypeCode*

Data Type: qdt:TaxTypeCodeType

Cardinality: 1..1

EN 16931-ID: BT-118-0

Example VAT

Comfort: X

Extended: X

### ExemptionReason

Exemption reason (free text)

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/ApplicableTradeTax/ExemptionReason*

Data Type: udt:TextType

Cardinality: 0..1

Usage: If the invoice is exempt from tax a reason is required

EN 16931-ID: BT-120

Example Tax Exempt - Zero Tax Goods

Comfort: X

Extended: X

### BasisAmount

Tax base amount

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/ApplicableTradeTax/BasisAmount*

Data Type: udt:AmountType

Cardinality: 1..1

EN 16931-ID: BT-116

Example 2373.86

Comfort: X

Extended: X

### LineTotalBasisAmount

Goods amount for tax rate

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/ApplicableTradeTax/LineTotalBasisAmount*

Data Type: udt:AmountType

Cardinality: 0..1

Example 2373.86

Extended: X

### CategoryCode

Tax category

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/ApplicableTradeTax/CategoryCode*

Data Type: qdt:TaxCategoryCodeType

Cardinality: 1..1

Remark: Identification of exceptions, S = default

EN 16931-ID: BT-118

Example S

Comfort: X

Extended: X

Code list: UNTDID 5305

Allowed codes:	Code	Codename
	AE	VAT Reverse Charge
	E	Exempt from tax

## Details - ZUGFeRD 2.1 schema

**Codelist:** UNTDID 5305

Allowed codes:	Code	Codename
	G	Free export item, tax not charged
	K	VAT exempt for EEA intra-community supply of goods and services
	L	Canary Islands general indirect tax
	M	Tax for production, services and importation in Ceuta and Melilla
	O	Services outside scope of tax
	S	Standard rate
	Z	Zero rated goods

### ExemptionReasonCode

Exemption reason (code)

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/ApplicableTradeTax/ExemptionReasonCode*

Data Type: udt:CodeType

Cardinality: 0..1

EN 16931-ID: BT-121

Comfort: X

Extended: X

### RateApplicablePercent

Tax rate percentage

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/ApplicableTradeTax/RateApplicablePercent*

Data Type: udt:PercentType

Cardinality: 1..1

Usage: The value to be entered is the percentage. For example, the value 20 is given for 20% (and not 0.2)

EN 16931-ID: BT-119

CIUS remark: Tax rate percentage

CIUS restriction: 1..1

CIUS rule: The element "VAT category rate" (BT-119) must be transmitted.

CIUS ID: BR-DE-14

Example: 19.00

Comfort: X

Extended: X

### BillingSpecifiedPeriod

Details on billing specified period

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod*

Data Type: ram:SpecifiedPeriodType

Cardinality: 0..1

Usage: If delivery date is specified, this section can be omitted. If the invoice refers to a period from/to it should be indicated.

EN 16931-ID: BG-14

Comfort: X

Extended: X

### StartDateTime

Start of the billing period

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/StartDateTime*

Data Type: udt:DateTimeType

Cardinality: 1..1

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>DateTimeString</b>	Start of the billing period, value						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/StartDateTime/DateTimeString</i>							
Data Type: extension (xsd:string)							
Length: 1 ... 8							
Cardinality: 1..1							
EN 16931-ID: BT-73							
Example 20200101							
Comfort: X							
Extended: X							
<b>format</b>	Date, format						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/StartDateTime/</i> <i>DateTimeString/@format</i>							
Data Type: xs:string							
Use: required							
EN 16931-ID: BT-73-0							
Example 102							
Comfort: X							
Extended: X							
<b>Codelist:</b> UNTDID 2379							
<table><tr><td><b>Allowed codes:</b></td><td><i>Code</i></td><td><i>Codename</i></td></tr><tr><td></td><td>102</td><td>CCYYMMDD</td></tr></table>		<b>Allowed codes:</b>	<i>Code</i>	<i>Codename</i>		102	CCYYMMDD
<b>Allowed codes:</b>	<i>Code</i>	<i>Codename</i>					
	102	CCYYMMDD					
<b>EndTime</b>	End of billing period						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/EndTime</i>							
Data Type: udt:DateTimeType							
Cardinality: 1..1							
Comfort: X							
Extended: X							
<b>DateTimeString</b>	End of billing period, value						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/EndTime/DateTimeString</i>							
Data Type: extension (xsd:string)							
Length: 1 ... 8							
Cardinality: 1..1							
EN 16931-ID: BT-74							
Example 20200131							
Comfort: X							
Extended: X							
<b>format</b>	Date, format						
Status: <b>R</b>							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/BillingSpecifiedPeriod/EndTime/</i> <i>DateTimeString/@format</i>							
Data Type: xs:string							
Use: required							
EN 16931-ID: BT-74-0							
Example 102							
Comfort: X							
Extended: X							

## Details - ZUGFeRD 2.1 schema

**Codelist:** UNTDID 2379

**Allowed codes:** *Code*      *Codename*  
102      CCYYMMDD

### SpecifiedTradeAllowanceCharge

[Details on allowances and charges](#)

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge*

Data Type: ram:TradeAllowanceChargeType

Cardinality: 0..n

EN 16931-ID: BG-20, BG-21

[Comfort:](#) X

[Extended:](#) X

### ChargeIndicator

[Charge indicator](#)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ChargeIndicator*

Data Type: udt:IndicatorType

Cardinality: 1..1

EN 16931-ID: BG-20-0, BG-21-0

[Comfort:](#) X

[Extended:](#) X

### Indicator

[Charge indicator, value](#)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ChargeIndicator/  
Indicator*

Data Type: xs:boolean

Cardinality: 1..1

Usage: For discount (BG-27), the value of the ChargeIndicator must be set to "false".  
For surcharge (BG-28), the value of the ChargeIndicator must be set to "true".

EN 16931-ID: BG-20-00, BG-21-00

Example false

[Comfort:](#) X

[Extended:](#) X

### CalculationPercent

[Allowance Charge Percent](#)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/CalculationPercent*

Data Type: udt:PercentType

Cardinality: 0..1

Remark: Up to level COMFORT only the final result of the calculation is given. (Actual.Amount)

EN 16931-ID: BT-94, BT-101

Example 8.00

[Comfort:](#) X

[Extended:](#) X

### ActualAmount

[Allowance or charge actual amount](#)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ActualAmount*

Data Type: udt:AmountType

Cardinality: 1..1

EN 16931-ID: BT-92

BT-99

[Comfort:](#) X

[Extended:](#) X

## Details - ZUGFeRD 2.1 schema

### ReasonCode

Reason for allowance or charge (Code)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ReasonCode*

Data Type: qdt:AllowanceChargeReasonCodeType

Cardinality: 0..1

Remark: Use entries from the UNTDID 5189 code list. The code of the reason for the document level surcharge or discount and the reason for the document level surcharge or discount must be the same

**BMW can process only special codes from the codelist**

EN 16931-ID: BT-98, BT-105

Example FC

Comfort: X

Extended: X

### Reason

Reason for allowance or charge (free text)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/Reason*

Data Type: udt:TextType

Cardinality: 0..1

EN 16931-ID: BT-97

BT-104

Example Freight service

Comfort: X

Extended: X

### CategoryTradeTax

Details of tax information

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/CategoryTradeTax*

Data Type: ram:TradeTaxType

Cardinality: 1..1

Comfort: X

Extended: X

### TypeCode

Tax type (Code)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/  
CategoryTradeTax/TypeCode*

Data Type: qdt:TaxTypeCodeType

Cardinality: 1..1

Remark: fixed value = "VAT"

EN 16931-ID: BT-95-0

BT-102-0

Example VAT

Comfort: X

Extended: X

### CategoryCode

Tax category

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/  
CategoryTradeTax/CategoryCode*

Data Type: qdt:TaxCategoryCodeType

Cardinality: 1..1

EN 16931-ID: BT-95

BT-102

## Details - ZUGFeRD 2.1 schema

Comfort: X

Extended: X

Codelist: UNTDID 5305

Allowed codes:	Code	Codename
	AE	VAT Reverse Charge
	E	Exempt from tax
	G	Free export item, tax not charged
	K	VAT exempt for EEA intra-community supply of goods and services
	L	Canary Islands general indirect tax
	M	Tax for production, services and importation in Ceuta and Melilla
	O	Services outside scope of tax
	S	Standard rate
	Z	Zero rated goods

### RateApplicablePercent

Tax rate percentage

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/  
CategoryTradeTax/RateApplicablePercent*

Data Type: udt:PercentType

Cardinality: 0..1

EN 16931-ID: BT-96, BT-103

Example 19.00

Comfort: X

Extended: X

### SpecifiedLogisticsServiceCharge

Details on logistics service charges

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge*

Data Type: ram:LogisticsServiceChargeType

Synonym: Transport and packaging costs

Cardinality: 0..n

Extended: X

### Description

Service charge ID

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/Description*

Data Type: udt:TextType

Length: 1 ...

Cardinality: 1..1

Example Shipping and packaging costs

Extended: X

### AppliedAmount

Service charge amount

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedAmount*

Data Type: udt:AmountType

Cardinality: 1..1

Example 4.95

Extended: X

### AppliedTradeTax

Details on taxes

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax*

Data Type: ram:TradeTaxType

Cardinality: 0..n

Extended: X

## Details - ZUGFeRD 2.1 schema

<b>TypeCode</b>	<b>Tax type (Code)</b>
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax/            TypeCode</i> Data Type: qdt:TaxTypeCodeType Cardinality: 0..1 Example VAT Extended: X	
<b>CategoryCode</b>	<b>Tax category</b>
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax/            CategoryCode</i> Data Type: qdt:TaxCategoryCodeType Cardinality: 0..1 Usage: UNTID 5305 Codelist Example S Extended: X	
<b>RateApplicablePercent</b>	<b>Tax rate percentage</b>
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax/            RateApplicablePercent</i> Data Type: udt:PercentType Cardinality: 0..1 Example 19.00 Extended: X	
<b>SpecifiedTradePaymentTerms</b>	<b>Details on payment terms</b>
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/            ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms</i> Data Type: ram:TradePaymentTermsType Cardinality: 0..n Comfort: X Extended: X	

## Details - ZUGFeRD 2.1 schema

Description	Free text of the payment terms
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/Description</i> Data Type: udt:TextType Cardinality: 0..1 EN 16931-ID: BT-20 CIUS remark: A text description of the payment terms CIUS restriction: Format instruction: for example #CashDiscount#Days=14#Percent=2.25# or #CashDiscount#Days=14#Percent=2.25#BasisAmount=357.93# CIUS rule: Information on the granting of discount or the calculation of late payment interest must be transmitted in the "Payment terms" element (BT-20) as follows in a separate line: Enter "CashDiscount" or "DELAY" in the first segment, "DAYS = n" in the second, and "PERCENT = n" in the third, whereby the segments are each surrounded by a "#". Percentages are to be specified with a point separated by two decimal places. If the amount to be calculated is not based on BT-115, "due amount", but only part of the amount due on the invoice, the basic value for calculating discount or late payment interest is to be entered as the fourth segment "BASE AMOUNT = n" with the semantic data type Amount give. CIUS ID: BR-DE-18 Example: Payable within 30 days from date of invoice	
	Comfort: X Extended: X
DueDateDateTime	Due date
Status: <b>D</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime</i> Data Type: udt:DateTimeType Cardinality: 0..1	
	Comfort: X Extended: X
DateTimeString	Due date, value
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime/</i> <i>DateTimeString</i> Data Type: extension (xsd:string) Length: 1 ... Cardinality: 1..1 EN 16931-ID: BT-9 Example 20200301	
	Comfort: X Extended: X
format	Date, format
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime/</i> <i>DateTimeString/@format</i> Data Type: xs:string Use: required EN 16931-ID: BT-9-0 Example 102	
	Comfort: X Extended: X

## Details - ZUGFeRD 2.1 schema

**Codelist:** UNTDID 2379

**Allowed codes:** *Code*      *Codename*  
102      CCYYMMDD

### SpecifiedTradeSettlementHeaderMonetarySummation

Details of document totals

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation*

Data Type: ram:TradeSettlementHeaderMonetarySummationType

Cardinality: 1..1

EN 16931-ID: BG-22

Comfort: X

Extended: X

### LineTotalAmount

Line total amount

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation/LineTotalAmount*

Data Type: udt:AmountType

Synonym: Total amount of positions

Cardinality: 1..1

Remark: Net amount

EN 16931-ID: BT-106

Note: Sum of all invoice item net amounts on the invoice

Example 2373.86

Comfort: X

Extended: X

### ChargeTotalAmount

Charge total amount, document level

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation/ChargeTotalAmount*

Data Type: udt:AmountType

Cardinality: 0..1

Remark: Surcharges for the item level are already included in the total item amounts, which are added together to obtain the total net amount of the items.

EN 16931-ID: BT-108

Example 0.00

Comfort: X

Extended: X

### AllowanceTotalAmount

Allowance total amount, document level

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation/AllowanceTotalAmount*

Data Type: udt:AmountType

Cardinality: 0..1

Remark: Discounts at item level are already included in the total item amounts, which are added together to obtain the total net amount of the items.

EN 16931-ID: BT-107

Note: Sum of all discounts of the document level contained in the invoice

Example 0.00

## Details - ZUGFeRD 2.1 schema

<b>Comfort:</b> X <b>Extended:</b> X	
<b>TaxBasisTotalAmount</b>	Tax basis total amount
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/</i> <i>SpecifiedTradeSettlementHeaderMonetarySummation/TaxBasisTotalAmount</i> Data Type: udt:AmountType Cardinality: 1..2 Remark: Sum of line total amount + charge totals - allowance totals EN 16931-ID: BT-109	
<b>Comfort:</b> X <b>Extended:</b> X	
<b>currencyID</b>	Currency (code)
Status: <b>O</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/</i> <i>SpecifiedTradeSettlementHeaderMonetarySummation/TaxBasisTotalAmount/</i> <i>@currencyID</i> Data Type: xs:token Remark: ISO 4217 codelist	
<b>Extended:</b> X	
<b>TaxTotalAmount</b>	Tax total amount
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/</i> <i>SpecifiedTradeSettlementHeaderMonetarySummation/TaxTotalAmount</i> Data Type: udt:AmountType Cardinality: 1..2 Remark: The total amount of tax is the sum of all amounts for the individual tax categories EN 16931-ID: BT-110, BT-111 Example 451.03	
<b>Comfort:</b> X <b>Extended:</b> X	
<b>currencyID</b>	Currency
Status: <b>R</b> Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/</i> <i>SpecifiedTradeSettlementHeaderMonetarySummation/TaxTotalAmount/@currencyID</i> Data Type: xs:token Usage: ISO 4217 codelist Remark: @currencyID is mandatory to differentiate between VAT amount and VAT amount in accounting currency. Use: required EN 16931-ID: BT-110-0, BT-111-0 Example EUR	
<b>Comfort:</b> X <b>Extended:</b> X	

## Details - ZUGFeRD 2.1 schema

### GrandTotalAmount

Grand total

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation/GrandTotalAmount*

Data Type: udt:AmountType

Synonym: Invoice total amount

Cardinality: 1..2

EN 16931-ID: BT-112

Note: The total amount of the invoice with tax

Example 2824.89

Comfort: X

Extended: X

### currencyID

Currency (code)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation/GrandTotalAmount/@currencyID*

Data Type: xs:token

Remark: ISO 4217 codelist

Example EUR

Extended: X

### TotalPrepaidAmount

Total prepaid amount

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation/TotalPrepaidAmount*

Data Type: udt:AmountType

Synonym: Down payment

Cardinality: 0..1

EN 16931-ID: BT-113

Note: This field can be used for indication of received prepayments.

Example 0.00

Comfort: X

Extended: X

### DuePayableAmount

Due payable amount

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/  
ApplicableHeaderTradeSettlement/  
SpecifiedTradeSettlementHeaderMonetarySummation/DuePayableAmount*

Data Type: udt:AmountType

Cardinality: 1..1

Remark: With prepayments it is different to the grand total.

EN 16931-ID: BT-115

Note: In the case of prepayments made, this amount may differ from the invoice total amount

Example 2824.89

Comfort: X

Extended: X

## Details - ZUGFeRD 2.1 schema

### InvoiceReferencedDocument

Details on referenced invoice

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceReferencedDocument*

Data Type: ram:ReferencedDocumentType

Cardinality: 0..1

Remark: To be used if:

- a previous invoice is corrected;
- reference from a final invoice to previous partial invoices;
- reference is made to a previous invoice for prepayments from a final invoice.

EN 16931-ID: BG-3

Note: previous invoice number, original invoice number

Comfort: X

Extended: X

### IssuerAssignedID

Preceding Invoice number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceReferencedDocument/IssuerAssignedID*

Data Type: udt:IDType

Length: 1 ... 16

Cardinality: 1..1

EN 16931-ID: BT-25

Example F111N22

Comfort: X

Extended: X