



Message Implementation Guideline

ZUGFeRD v2.1

outgoing invoice

Version: v1.1
Issue date: 30.11.2020
Author: BMW

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Important notices

FORMAT

An XSD file provided with XRechnung standard defines structure of the XRechnung UBL XML version 2.1 and data type attribute for each element. The XSD file does not define length limitation of the element value. For informational purposes format defines type and length or date mask of each element sent by BMW. Some of elements are listed in provided code lists. For elements limited by ISO code lists, references to the corresponding lists are added in code list properties.

Change History

Changed Date for Release	Version	Change description	Element	Author
Go Live 25.03.2020	v1.0	MIG creation	CrossIndustryInvoice	BMW
Release2 30.11.2020	v1.1	Additional BMW Company Codes	BuyerTradeParty - ID	BMW

Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
	CrossIndustryInvoice	Invoice	
1..1 R	ExchangedDocumentContext	Process Control	BG-2
0..1 O	TestIndicator	Test indicator	
1..1 R	Indicator	Test indicator, value	
0..1 O	BusinessProcessSpecifiedDocumentContextParameter	Grouping of business context information	
0..1 O	ID	Business process, value	BT-23
1..1 R	GuidelineSpecifiedDocumentContextParameter	Grouping of application recommendation information	
1..1 R	ID	Specification Identifier	BT-24
1..1 R	ExchangedDocument	Grouping of characteristics that affect the entire document	
1..1 R	ID	Invoice Number	BT-1
1..1 R	Name	Document name (free text)	
1..1 R	TypeCode	Document name (Code)	BT-3
1..1 R	IssueDateTime	Invoice date	
1..1 R	DateTimeString	Invoice date, value	BT-2
required	@format	Date, format	BT-2-0
0..1	CopyIndicator		
1..1 R	Indicator	Copy indicator	
0..n O	IncludedNote	Free text on header level	BG-1
1..1 R	Content	Freetext on document level (Content)	BT-22
0..1 A	SubjectCode	Code for qualifying the free text for the invoice	BT-21
1..1 R	SupplyChainTradeTransaction	Grouping of information about the business transaction	
1..n R	IncludedSupplyChainTradeLineItem	Grouping of item information	BG-25
1..1 R	AssociatedDocumentLineDocument	Grouping of general information	
1..1 A	LineID	Line number	BT-126
0..99 O	IncludedNote	Details of free text relating to the item	
1..1 R	Content	Free text of the line item	BT-127
0..1 A	SubjectCode	Free text (Subject code)	
1..1 A	SpecifiedTradeProduct	Grouping of product or service information	BG-31
0..1 O	SellerAssignedID	Seller's article number	BT-155
0..1 O	BuyerAssignedID	buyer's article number	BT-156
1..1 R	Name	Article name	BT-153
0..n O	ApplicableProductCharacteristic	Details on product characteristics	BG-32
0..1 O	TypeCode	Type of product characteristic (Code)	
1..1 R	Description	Type of product characteristic (free text)	BT-160
1..1 R	Value	Value of product characteristic (text)	BT-161
0..n O	DesignatedProductClassification	Details on product classification	
1..1 R	ClassCode	Details on product classification	BT-158
required	@listID	Product classification name	BT-158-1
0..1 O	ClassName	Classification name	
0..1 D	OriginTradeCountry	Details of product origin	
1..1 R	ID	Country of origin (Code)	BT-159
1..1 R	SpecifiedLineTradeAgreement	Grouping of agreement information	BG-29
0..1 D	BuyerOrderReferencedDocument	Details on referenced order	
1..1 R	IssuerAssignedID	order Id / number	
0..1 O	LineID	reference to the order Item number	BT-132
0..1 O	FormattedIssueDateTime	Order date	
1..1 R	DateTimeString	Order date, value	
required	@format	Date, format	
0..n O	AdditionalReferencedDocument	Details on additional document references	
1..1 R	IssuerAssignedID	Document Id	
1..1 R	TypeCode	Document, code	
0..1 A	GrossPriceProductTradePrice	Details on gross price excluding taxes	
1..1 R	ChargeAmount	Gross price	BT-148
0..n O	AppliedTradeAllowanceCharge	Details on allowances and charges	
0..1 R	ChargeIndicator	Charge indicator	
1..1 R	Indicator	Charge indicator, Wert	
0..1 O	CalculationPercent	Allowance charge percent	
1..1 R	ActualAmount	Allowance or charge amount	BT-147
0..1 D	Reason	Reason for allowance or charge (free text)	

Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
1..1 R	NetPriceProductTradePrice	Details on net price without tax	
1..1 R	ChargeAmount	Net price	BT-146
1..1 R	SpecifiedLineTradeDelivery	Grouping on delivery information	
1..1 R	BilledQuantity	Billed quantity	BT-129
required	@unitCode	Measurement unit	BT-130
0..1 D	ShipToTradeParty	Details on the alternative ship to	
0..1 O	ID	Identification of ship to	
1..1 R	Name	(Company) name of ship to	
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	Phone number	
1..1 R	CompleteNumber	Phone number, value	
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	
1..1 R	PostcodeCode	Postcode	
0..1 O	LineOne	Line one of address	
1..1 R	CityName	City	
1..1 A	CountryID	Country (Code)	
0..1 D	ActualDeliverySupplyChainEvent	Details on actual delivery	
1..1 R	OccurrenceDateTime	Actual date of delivery or date of service provision	
1..1 R	DateTimeString	Actual date of delivery or date of service provision, value	
required	@format	Date, format	
0..1 O	ReceivingAdviceReferencedDocument	Details on referenced receiving advice	
0..1 O	IssuerAssignedID	Goods receipt number	
0..1 O	FormattedIssueDateTime	Goods receipt date	
1..1 R	DateTimeString	Document date, value	
required	@format	Date, format	
0..1 O	DeliveryNoteReferencedDocument	Details on referenced delivery note	
0..1 O	IssuerAssignedID	Delivery Note Number, line item	
0..1 O	FormattedIssueDateTime	Document date	
1..1 R	DateTimeString	Delivery Note date, value	
required	@format	Date, format	
1..1 R	SpecifiedLineTradeSettlement	Grouping on settlement information	
1..n D	ApplicableTradeTax	Details on taxes	BG-30
1..1 R	TypeCode	Tax type (Code)	BT-151-0
0..1 D	ExemptionReason	Exemption reason (free text)	
1..1 R	CategoryCode	Tax category	BT-151
0..1 R	RateApplicablePercent	Tax percentage	BT-152
1..1 D	SpecifiedTradeSettlementLineMonetary Summation	Details on summation	
1..1 R	LineTotalAmount	Line total amount	BT-131
0..1 O	TotalAllowanceChargeAmount	Allowance and charge total	
1..1 R	ApplicableHeaderTradeAgreement	Grouping on trade agreement	
0..1 A	BuyerReference	Buyer reference	BT-10
1..1 R	SellerTradeParty	Seller (=beneficiary)	BG-4
1..1 R	ID	Supplier/seller number	BT-29
0..n A	GlobalID	Global identifier of the seller	BT-29-0
required	@schemeID	Type of global identifier	BT-29-1
1..1 R	Name	(Company) name of the seller	BT-27
0..1 O	DefinedTradeContact	Details on the seller's contact person	BG-6
0..1 D	PersonName	Contact person name	BT-41
0..1 D	DepartmentName	Department name	BT-41-0
0..1 O	TelephoneUniversalCommunication	Details of the phone number	
1..1 R	CompleteNumber	Phone number	BT-42
0..1 O	FaxUniversalCommunication	Details of the fax number	
1..1 R	CompleteNumber	Fax number	
0..1 O	EmailURIUniversalCommunication	Details on email	

Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
1..1 R	URIID	Email	BT-43
1..1 R	PostalTradeAddress	Details on address	BG-5
1..1 R	PostcodeCode	Postcode	BT-38
1..1 R	LineOne	Line one of address	BT-35
0..1 O	LineTwo	Line two	BT-36
1..1 R	CityName	City	BT-37
1..1 R	CountryID	Country (Code)	BT-40
0..1 O	CountrySubDivisionName	Country sub division	BT-39
0..n A	SpecifiedTaxRegistration	Tax registration details	
1..1 D	ID	(Local) tax Id	BT-31, BT-32
R		VAT Id	
required	@schemeID	Type of tax identifier	BT-31-0, BT-32-0
1..1 R	BuyerTradeParty	Buyer (=beneficiary)	BG-7
1..1 R	ID	Buyer number	BT-46
0..n A	GlobalID	Global identifier of the buyer	BT-46-0
required	@schemeID	Type of global identifier	BT-46-1
1..1 R	Name	Buyer company name	BT-44
0..1 O	DefinedTradeContact	Details on the buyer's contact person	BG-9
0..1 D	PersonName	Contact person name	BT-56
0..1 D	DepartmentName	Department name	BT-56-0
0..1 O	TelephoneUniversalCommunication	Details of the phone number	
1..1 R	CompleteNumber	Phone number	BT-57
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	BT-58
1..1 R	PostalTradeAddress	Details on buyer address	BG-8
1..1 R	PostcodeCode	Postcode buyer	BT-53
1..1 R	LineOne	Line one of address	BT-50
0..1 O	LineTwo	Line two	BT-51
1..1 R	CityName	City	BT-52
1..1 R	CountryID	Country (Code), buyer	BT-55
0..1 A	SpecifiedTaxRegistration	Tax registration details	
1..1 D	ID	(Local) tax Id	BT-48
R		VAT Id, buyer	
required	@schemeID	Type of tax identifier	BT-48-0
0..1 O	ApplicableTradeDeliveryTerms	Details on delivery terms	
1..1 R	DeliveryTypeCode	Delivery type (Code)	
0..1 A	BuyerOrderReferencedDocument	Details on corresponding order	
1..1 R	IssuerAssignedID	Order number	BT-13
0..1 O	FormattedIssueDateTime	Order date	
1..1 R	DateTimeString	Order date, value	
required	@format	Date, format	
1..1 R	ApplicableHeaderTradeDelivery	Grouping on delivery information	
0..1 D	ShipToTradeParty	ship to	BG-13
0..1 O	ID	Identification of ship to	BT-71
0..1 O	Name	(Company) name of ship to	BT-70
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 O	PostalTradeAddress	Details on address	BG-15
0..1 A	PostcodeCode	Postcode	BT-78
0..1 A	LineOne	Line one of address	BT-75
0..1 O	LineTwo	Line two	BT-76
0..1 A	CityName	City	BT-77
1..1 R	CountryID	Country (Code)	BT-80

Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
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
	<i>required</i>	@format	Date, format
1..1	R	ApplicableHeaderTradeSettlement	Grouping on settlement information
0..1	D	TaxCurrencyCode	VAT accounting currency code
1..1	R	InvoiceCurrencyCode	Invoice Currency
0..1	O	InvoiceeTradeParty	Details on the alternative invoicee
1..1	R	ID	Identification of the alternative invoicee
0..n	A	GlobalID	Global identifier
	<i>required</i>	@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
0..1	O	EmailURIUniversalCommunication	Details on email
1..1	R	URIID	Email
1..1	R	PostalTradeAddress	Details on address
1..1	R	PostcodeCode	Postcode
1..1	R	LineOne	Line one of address
0..1	O	LineTwo	Line two
1..1	R	CityName	City
1..1	R	CountryID	Country (Code)
0..1	O	TaxApplicableTradeCurrencyExchange	
1..1	R	SourceCurrencyCode	Invoice currency
1..1	R	TargetCurrencyCode	Home Currency
1..1	R	ConversionRate	Exchangerate
0..1	O	ConversionRateDateTime	Exchange date
1..1	R	DateTimeString	Exchangerate date
	<i>required</i>	@format	Date, format
0..n	O	SpecifiedTradeSettlementPaymentMeans	Details on payment means
1..1	R	TypeCode	Payment means type (code)
0..1	D	Information	Free text information on payment means
0..1	D	PayerPartyDebtorFinancialAccount	Buyer's financial institution
1..1	R	IBANID	IBAN
0..1	D	PayeePartyCreditorFinancialAccount	Seller's bank account
0..1	D	IBANID	IBAN
0..1	O	AccountName	Financial account name

Structur - ZUGFeRD 2.1

Cardinality	Element	Description	EN 16931-ID
0..1 D	PayeeSpecifiedCreditorFinancialInstitution	Seller's financial institution	
1..1 R	BICID	BIC	BT-86
1..n R	ApplicableTradeTax	Details on trade tax	BG-23
1..1 R	CalculatedAmount	Tax calculated amount	BT-117
1..1 R	TypeCode	Tax type (code)	BT-118-0
0..1 D	ExemptionReason	Exemption reason (free text)	BT-120
1..1 R	BasisAmount	Tax base amount	BT-116
0..1 O	LineTotalBasisAmount	Goods amount for tax rate	
1..1 R	CategoryCode	Tax category	BT-118
0..1 O	RateApplicablePercent	Tax rate percentage	BT-119
0..n D	SpecifiedTradeAllowanceCharge	Details on allowances and charges	BG-20, BG-21
1..1 R	ChargeIndicator	Charge indicator	BG-20-0, BG-21-0
1..1 R	Indicator	Charge indicator, value	BG-20-00, BG-21-00
0..1 O	CalculationPercent	Allowance Charge Percent	BT-94, BT-101
1..1 R	ActualAmount	Allowance or charge actual amount	BT-92
0..1 O	ReasonCode	Reason for allowance or charge (Code)	BT-98, BT-105
0..1 O	Reason	Reason for allowance or charge (free text)	BT-97
1..1 R	CategoryTradeTax	Details of tax information	
1..1 R	TypeCode	Tax type (Code)	BT-95-0
1..1 R	CategoryCode	Tax category	BT-102-0
0..1 D	RateApplicablePercent	Tax rate percentage	BT-95
0..n O	SpecifiedLogisticsServiceCharge	Details on logistics service charges	BT-102
1..1 R	Description	Service charge ID	BT-96, BT-103
1..1 R	AppliedAmount	Service charge amount	
0..n D	AppliedTradeTax	Details on taxes	
0..1 O	TypeCode	Tax type (Code)	
1..1 R	CategoryCode	Tax category	
1..1 R	RateApplicablePercent	Tax rate percentage	
0..n D	SpecifiedTradePaymentTerms	Details on payment terms	
0..1 D	Description	Free text of the payment terms	BT-20
0..1 D	DueDateDateTime	Due date	
1..1 R	DateTimeString	Due date, value	BT-9
<i>required</i>	@format	Date, format	BT-9-0
1..1 R	SpecifiedTradeSettlementHeaderMonetarySummation	Details of document totals	BG-22
1..1 R	LineTotalAmount	Line total amount	BT-106
0..1 O	ChargeTotalAmount	Charge total amount, document level	BT-108
0..1 O	AllowanceTotalAmount	Allowance total amount, document level	BT-107
1..2 R	TaxBasisTotalAmount	Tax basis total amount	BT-109
	@currencyID	Currency (code)	
1..2 R	TaxTotalAmount	Tax total amount	BT-110, BT-111
<i>required</i>	@currencyID	Currency	BT-110-0, BT-111-0
1..2 R	GrandTotalAmount	Grand total	BT-112
	@currencyID	Currency (code)	
0..1 D	TotalPrepaidAmount	Total prepaid amount	BT-113
1..1 R	DuePayableAmount	Due payable amount	BT-115
0..1 D	InvoiceReferencedDocument	Details on referenced invoice	BG-3
1..1 R	IssuerAssignedID	Invoice number previous document	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 invoice
 false = production invoice
 Remark: The Indicator type may be used when implementing a new system in order to mark the invoice as „trial invoice“.

Example true

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
 Synonym: Invoice process
 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 SBI

Details - ZUGFeRD 2.1 schema

Comfort: X

Extended: X

Codelist:

Allowed codes:	Code	Codename
	BPO	Bank posting
	BTS	Business trip settlement
	CAN	Cancellation
	CDN	Credit or Debit note
	CNS	Cantine settlement
	FCN	freight credit notes
	FCS	Fix cost settlement
	GUA	Gurantee
	GUF	Gurantee
	INF	Information letter
	LTS	Literatur settlement
	MMS	Maintenance material settlement
	REV	Revaluation
	SBI	Self-billing invoice
	VHS	Vehicle settlement

GuidelineSpecifiedDocumentContextParameter

Grouping of application recommendation information

Status: **R**

Path: *CrossIndustryInvoice/ExchangedDocumentContext/*
GuidelineSpecifiedDocumentContextParameter

Data Type: ram:DocumentContextParameterType

Cardinality: 1..1

Comfort: X

Extended: X

ID

Specification Identifier

Status: **R**

Path: *CrossIndustryInvoice/ExchangedDocumentContext/*
GuidelineSpecifiedDocumentContextParameter/ID

Data Type: udt:IDType

Length: 1 ...

Cardinality: 1..1

Usage: For Zugferd v2.1 "urn:cen.eu:en16931:2017#conformant#urn:factur-x.eu:1p0:extended" will be sent

Remark: BMW sends only invoices with Extended profile.
Here, either compliance or conformance of the instance is expressed.

EN 16931-ID: BT-24

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

ExchangedDocument

Grouping of characteristics that affect the entire document

Status: **R**

Path: *CrossIndustryInvoice/ExchangedDocument*

Data Type: ram:ExchangedDocumentType

Cardinality: 1..1

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

ID		Invoice Number
Status: R		
Path: CrossIndustryInvoice/ExchangedDocument/ID		
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.		
EN 16931-ID: BT-1		
Note: A unique Identifier for the invoice.		
Example 7412B123456789		
Comfort: X		
Extended: X		
Name		Document name (free text)
Status: R		
Path: CrossIndustryInvoice/ExchangedDocument/Name		
Data Type: udt:TextType		
Cardinality: 1..1		
Example INVOICE		
Extended: X		
TypeCode		Document name (Code)
Status: R		
Path: CrossIndustryInvoice/ExchangedDocument/TypeCode		
Data Type: qdt:DocumentCodeType		
Cardinality: 1..1		
Usage: -		
BMW use additional codes compared to the ZUGFeRD recommendation		
EN 16931-ID: BT-3		
Example 389		
Comfort: X		
Extended: X		
Codelist: UNTDID 1001		
Allowed codes:		
Code	Codename	
261	Self billed credit note	
295	Price variation invoice	
296	Credit note for price variation	
380	Commercial invoice	
381	Credit note	
383	Debit note	
389	Self-billed invoice	
527	Self billed debit note	
IssueDateTime		Invoice date
Status: R		
Path: CrossIndustryInvoice/ExchangedDocument/IssueDateTime		
Data Type: udt:DateTimeType		
Cardinality: 1..1		
Comfort: X		
Extended: X		

Details - ZUGFeRD 2.1 schema

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

Details - ZUGFeRD 2.1 schema

Content

Freetext on document level (Content)

Status: **R**
 Path: *CrossIndustryInvoice/ExchangedDocument/IncludedNote/Content*
 Data Type: udt:TextType
 Length: 1 ...
 Synonym: Freetext on document level (Content)
 Cardinality: 1..1
 Remark: For instance, the reason for a correction or a memorandum of allocation if an invoice has been consigned to a factoring procedure.
 EN 16931-ID: BT-22
 Note: A free text containing unstructured information which is relevant for the invoice as a whole.
 Example: As confirmed by Jon Doe, Allowances will be applied later.

Comfort: X

Extended: X

SubjectCode

Code for qualifying the free text for the invoice

Status: **A**
 Path: *CrossIndustryInvoice/ExchangedDocument/IncludedNote/SubjectCode*
 Data Type: udt:CodeType
 Synonym: Free text at document level (Qualifying the type of text)
 Cardinality: 0..1
 Usage: The following codes are recommended:
 AAI : General information
 SUR : Comments by the seller
 REG : Regulatory information
 ABL : Legal information
 TXD : Information about tax
 CUS : Customs information
 Remark: To be selected from UNTDID 4451.
 EN 16931-ID: BT-21
 Note: The qualification of the free text of an invoice of BT-22
 Example: REG

Comfort: X

Extended: X

SupplyChainTradeTransaction

Grouping of information about the business transaction

Status: **R**
 Path: *CrossIndustryInvoice/SupplyChainTradeTransaction*
 Data Type: ram:SupplyChainTradeTransactionType
 Cardinality: 1..1

Comfort: X

Extended: X

IncludedSupplyChainTradeLineItem

Grouping of item information

Status: **R**
 Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem*
 Data Type: ram:SupplyChainTradeLineItemType
 Synonym: Aggregation of positionings
 Cardinality: 1..n
 EN 16931-ID: BG-25
 Note: An aggregation of business terms containing information about individual invoice positions

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

AssociatedDocumentLineDocument	Grouping of general information
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument</i> Data Type: ram:DocumentLineDocumentType Cardinality: 1..1 Comfort: X Extended: X	
LineID	Line number
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/LineID</i> Data Type: udt:IDType Length: 1 ... 5 Cardinality: 1..1 EN 16931-ID: BT-126 Note: An unambiguous identifier for the respective position within the invoice Example 1 Comfort: X Extended: X	
IncludedNote	Details of free text relating to the item
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote</i> Data Type: ram:NoteType Cardinality: 0..99 Comfort: X Extended: X	
Content	Free text of the line item
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote/Content</i> 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 Comfort: X Extended: X	
SubjectCode	Free text (Subject code)
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/AssociatedDocumentLineDocument/IncludedNote/SubjectCode</i> Data Type: udt:CodeType Cardinality: 0..1 Usage: The following codes are recommended: AAI : General information SUR : Comments by the seller REG : Regulatory information ABL : Legal information TXD : Information about tax CUS : Customs information Example AAI	

Details - ZUGFeRD 2.1 schema

Extended: X	
SpecifiedTradeProduct	Grouping of product or service information
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct</i> 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: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/SellerAssignedID</i> 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	
BuyerAssignedID	buyer's article number
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/BuyerAssignedID</i> Data Type: udt:IDType Length: 1 ... 20 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 1234567-12	
Comfort: X	
Extended: X	
Name	Article name
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/Name</i> 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	

Details - ZUGFeRD 2.1 schema

ApplicableProductCharacteristic	Details on product characteristics
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/ ApplicableProductCharacteristic</i> Data Type: ram:ProductCharacteristicType Cardinality: 0..n EN 16931-ID: BG-32	
Comfort: X Extended: X	
TypeCode	Type of product characteristic (Code)
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/ ApplicableProductCharacteristic/TypeCode</i> Data Type: udt:CodeType Cardinality: 0..1 Usage: BMW is sending the code "KIND_OF_ARTICLE" Example KIND_OF_ARTICLE	
Extended: X	
Description	Type of product characteristic (free text)
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/ ApplicableProductCharacteristic/Description</i> Data Type: udt:TextType Length: 1 ... Cardinality: 1..1 EN 16931-ID: BT-160 Example Zylinder	
Comfort: X Extended: X	
Value	Value of product characteristic (text)
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/ ApplicableProductCharacteristic/Value</i> Data Type: udt:TextType Length: 1 ... Cardinality: 1..1 EN 16931-ID: BT-161 Example 6	
Comfort: X Extended: X	
DesignatedProductClassification	Details on product classification
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/ DesignatedProductClassification</i> Data Type: ram:ProductClassificationType Cardinality: 0..n	
Comfort: X Extended: X	

Details - ZUGFeRD 2.1 schema

ClassCode

[Details on product classification](#)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/
IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/
DesignatedProductClassification/ClassCode*

Data Type: udt:CodeType

Synonym: customTariffCode (HS), SPAP Order Number (PO), part family (PD), VIN (PD)

Cardinality: 1..1

EN 16931-ID: BT-158

Example 10000159

Comfort: X

Extended: X

listID

[Product classification name](#)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/
IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/
DesignatedProductClassification/ClassCode/@listID*

Data Type: xs:token

Use: required

EN 16931-ID: BT-158-1

Example HS

Comfort: X

Extended: X

Codelist: UNTDID 7143

Allowed codes: Code Codename

HS

PD

PO

ClassName

[Classification name](#)

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/
IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/
DesignatedProductClassification/ClassName*

Data Type: udt:TextType

Cardinality: 0..1

Usage: possible names:
customTariffCode, SPAP partFamily, VINCode, SPAP partFamily

Example customTariffCode

Extended: X

OriginTradeCountry

[Details of product origin](#)

Status: **D**

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

Data Type: ram:TradeCountryType

Cardinality: 0..1

Usage: Must be sent only if this information is required by law.

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

ID	Country of origin (Code)
<p>Status: R</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedTradeProduct/OriginTradeCountry/ID</i></p> <p>Data Type: qdt:CountryIDType</p> <p>Length: 2 ... 2</p> <p>Cardinality: 1..1</p> <p>Usage: ISO 3166-1</p> <p>EN 16931-ID: BT-159</p>	
Example DE	
Comfort: X	
Extended: X	
SpecifiedLineTradeAgreement	Grouping of agreement information
<p>Status: R</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement</i></p> <p>Data Type: ram:LineTradeAgreementType</p> <p>Cardinality: 1..1</p> <p>EN 16931-ID: BG-29</p>	
Comfort: X	
Extended: X	
BuyerOrderReferencedDocument	Details on referenced order
<p>Status: D</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument</i></p> <p>Data Type: ram:ReferencedDocumentType</p> <p>Cardinality: 0..1</p>	
Comfort: X	
Extended: X	
IssuerAssignedID	order Id / number
<p>Status: R</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument/IssuerAssignedID</i></p> <p>Data Type: udt:IDType</p> <p>Length: 1 ... 16</p> <p>Cardinality: 1..1</p> <p>Example F37PNPF</p>	
Extended: X	
LineID	reference to the order Item number
<p>Status: O</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument/LineID</i></p> <p>Data Type: udt:IDType</p> <p>Length: 1 ... 5</p> <p>Synonym: order item number</p> <p>Cardinality: 0..1</p> <p>Remark: Reference to the order reference is made at the document level.</p> <p>EN 16931-ID: BT-132</p> <p>Note: An identifier for a position within an order made by the buyer</p>	
Example 1	
Comfort: X	
Extended: X	

Details - ZUGFeRD 2.1 schema

FormattedIssueDateTime	Order date						
Status: O							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument/FormattedIssueDateTime</i>							
Data Type: qdt:FormattedDateTimeType							
Cardinality: 0..1							
Extended: X							
DateTimeString	Order date, value						
Status: R							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument/FormattedIssueDateTime/DateTimeString</i>							
Data Type: extension (xsd:string)							
Length: 1 ...							
Cardinality: 1..1							
Example 20200101							
Extended: X							
format	Date, format						
Status: R							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/BuyerOrderReferencedDocument/FormattedIssueDateTime/DateTimeString/@format</i>							
Data Type: qdt:FormattedDateTimeFormatContentType							
Use: required							
Example 102							
Extended: X							
Codelist: UNTDID 2379							
<table><tr><td>Allowed codes:</td><td>Code</td><td>Codename</td></tr><tr><td></td><td>102</td><td>CCYYMMDD</td></tr></table>		Allowed codes:	Code	Codename		102	CCYYMMDD
Allowed codes:	Code	Codename					
	102	CCYYMMDD					
AdditionalReferencedDocument	Details on additional document references						
Status: O							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/AdditionalReferencedDocument</i>							
Data Type: ram:ReferencedDocumentType							
Cardinality: 0..n							
Extended: X							
IssuerAssignedID	Document Id						
Status: R							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/AdditionalReferencedDocument/IssuerAssignedID</i>							
Data Type: udt:IDType							
Length: 1 ...							
Synonym: BMW reference number							
Cardinality: 1..1							
Extended: X							
TypeCode	Document, code						
Status: R							
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/AdditionalReferencedDocument/TypeCode</i>							
Data Type: qdt:DocumentCodeType							
Cardinality: 1..1							
Example 130							
Extended: X							

Details - ZUGFeRD 2.1 schema

GrossPriceProductTradePrice

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

ChargeAmount

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

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: 0..1

Extended: X

Comfort: X

Indicator

Charge indicator, Wert

Status: **R**

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

Data Type: xs:boolean

Cardinality: 1..1

Usage: EN 16931: false = allowance

Extended: false = allowance and true = charge

Example false

Details - ZUGFeRD 2.1 schema

Extended: X Comfort: X	
CalculationPercent	Allowance charge percent
Status: O 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	
ActualAmount	Allowance or charge amount
Status: R 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	
Reason	Reason for allowance or charge (free text)
Status: D Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/GrossPriceProductTradePrice/AppliedTradeAllowanceCharge/Reason</i> Data Type: udt:TextType Length: 1 ... Cardinality: 0..1 Example Allowance	
Extended: X	
NetPriceProductTradePrice	Details on net price without tax
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/NetPriceProductTradePrice</i> 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: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeAgreement/NetPriceProductTradePrice/ChargeAmount</i> Data Type: udt:AmountType Cardinality: 1..1 Remark: Net and gross price must always be used. EN 16931-ID: BT-146 Example 2373.86	

Details - ZUGFeRD 2.1 schema

	Comfort: X	
	Extended: X	
SpecifiedLineTradeDelivery		Grouping on delivery information
	Status: R	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery</i>	
	Data Type: ram:LineTradeDeliveryType	
	Cardinality: 1..1	
	Comfort: X	
	Extended: X	
BilledQuantity		Billed quantity
	Status: R	
	Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/BilledQuantity</i>	
	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

Usage: In particular this codes can be used

C62 one (piece)
PCE piece
DAY day
HAR hectare
HUR hour
KGM kilogram
KTM kilometre
KWH kilowatt hour
LS lump sum
LTR litre
MIN minute
MMK square millimetre
MMT millimetre
MTK square metre
MTQ cubic metre
MTR metre
NAR number of articles
NPR number of pairs
SET set
TNE tonne (metric ton)
WEE week

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).

BMW uses only some unit of measure codes

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

Details - ZUGFeRD 2.1 schema

ID

Identification of ship to

Status: O

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/*

IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ID

Data Type: udt:IDType

Length: 2 ... 2

Cardinality: 0..1

Usage: BMW is sending different plant codes compared to VDA4905 / VDA4913.

Following codelist is for your reference: New code <-> Old code

Example A120

Extended: X

Codelist:

Allowed codes:	Code	Codename
	A1	001
	A101	001
	A110	010
	A111	010
	A115	015
	A116	016
	A117	017
	A120	020
	A121	021
	A123	020
	A130	030
	A131	030
	A140	040
	A141	041
	A147	040
	A148	040
	A149	049
	A150	070
	A160	060
	A162	060
	A163	163
	A164	164
	A165	WKD
	A166	060
	A167	167
	A168	060
	A170	007
	A180	080
	A190	020
	A1C5	WKD
	A1F2	020
	A1F3	030
	A1F4	040
	A1U0	1U0
	B700	008
	BXA	001
	BXB	001
	BXD	001
	BXE	001
	BXF	001
	BXG	001
	C100	092
	C5	C5
	CX10	CX1
	CXA	001
	CXB	001
	DC17	170
	DGA	001
	DXA	001

Details - ZUGFeRD 2.1 schema

Codelist:

Allowed codes:	Code	Codename
	DXB	001
	DXC	001
	DXD	001
	DXE	001
	DXF	001
	DXG	001
	DXH	001
	DXI	001
	DXK	001
	FIA	001
	FXA	001
	FXB	001
	FXD	001
	FXE	001
	FXF	001
	FXH	001
	FXI	001
	FXK	001
	FXL	001
	FXM	001
	FXN	001
	FXS	001
	HHA	001
	HHB	001
	HHC	001
	HHD	001
	HHE	001
	HHG	001
	HHH	001
	HXA	001
	HXB	001
	HXC	001
	HXD	001
	HXE	001
	HXF	001
	HXG	001
	I800	001
	LXA	001
	LXB	001
	LXC	001
	LXD	001
	LXE	001
	LXF	001
	LXG	001
	MU	080
	MU80	080
	MXA	001
	MXB	001
	MXC	001
	MXD	001
	MXE	001
	MXF	001
	MXG	001
	MXH	001
	MXI	001
	MXK	001
	MXL	001
	MXV	001
	NXA	001
	NXB	001
	NXC	001

Details - ZUGFeRD 2.1 schema

Codelist:

Allowed codes:	Code	Codename
	NXD	001
	NXE	001
	OMI	170
	OMP	170
	RXA	001
	SBA	001
	SBB	001
	SBC	001
	SBE	001
	SXA	001
	SXB	001
	SXC	001
	SXD	001
	SXE	001
	SXG	001
	SXH	001
	SXK	001
	SXL	001

Name

(Company) name of ship to

Status: **R**

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

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 1..1

Extended: X

DefinedTradeContact

Details of the contact person

Status: **O**

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

Data Type: ram:TradeContactType

Cardinality: 0..1

Extended: X

PersonName

Name of the contact person

Status: **D**

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

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 0..1

Example Warenannahme

Extended: X

Details - ZUGFeRD 2.1 schema

TelephoneUniversalCommunication	Phone number
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ DefinedTradeContact/TelephoneUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
CompleteNumber	Phone number, value
Status: R 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	
FaxUniversalCommunication	Details of the fax number
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ DefinedTradeContact/FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
CompleteNumber	Fax number
Status: R 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	
EmailURIUniversalCommunication	Details on email
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ DefinedTradeContact/EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
URIID	Email
Status: R 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

PostalTradeAddress	Details on address
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 0..1 Extended: X	
PostcodeCode	Postcode
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Cardinality: 1..1 Example 80788 Extended: X	
LineOne	Line one of address
Status: O 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	
CityName	City
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/CityName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 1..1 Example München Extended: X	
CountryID	Country (Code)
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ShipToTradeParty/ PostalTradeAddress/CountryID</i> Data Type: qdt:CountryIDType Cardinality: 1..1 Usage: ISO 3166-1 Example DE Extended: X	
ActualDeliverySupplyChainEvent	Details on actual delivery
Status: D Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/ ActualDeliverySupplyChainEvent</i> Data Type: ram:SupplyChainEventType Cardinality: 0..1 Extended: X	

Details - ZUGFeRD 2.1 schema

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

ReceivingAdviceReferencedDocument

Details on referenced receiving advice

Status: **O**

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

Data Type: ram:ReferencedDocumentType

Cardinality: 0..1

Extended: X

IssuerAssignedID

Goods receipt number

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/
ReceivingAdviceReferencedDocument/IssuerAssignedID*

Data Type: udt:IDType

Cardinality: 0..1

Example 5000832699

Extended: X

FormattedIssueDateTime

Goods receipt date

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/
IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/
ReceivingAdviceReferencedDocument/FormattedIssueDateTime*

Data Type: qdt:FormattedDateTimeType

Cardinality: 0..1

Details - ZUGFeRD 2.1 schema

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

Details - ZUGFeRD 2.1 schema

DateTimeString	Delivery Note date, value				
<p>Status: R</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime/DateTimeString</i></p> <p>Data Type: extension (xsd:string)</p> <p>Length: 1 ...</p> <p>Cardinality: 1..1</p> <p>Example 20160419</p>					
Extended: X					
format	Date, format				
<p>Status: R</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeDelivery/DeliveryNoteReferencedDocument/FormattedIssueDateTime/DateTimeString/@format</i></p> <p>Data Type: qdt:FormattedDateTimeFormatContentType</p> <p>Use: required</p> <p>Example 102</p>					
Extended: X					
Codelist: UNTDID 2379					
<p>Allowed codes:</p> <table> <thead> <tr> <th>Code</th> <th>Codename</th> </tr> </thead> <tbody> <tr> <td>102</td> <td>CCYYMMDD</td> </tr> </tbody> </table>	Code	Codename	102	CCYYMMDD	
Code	Codename				
102	CCYYMMDD				
SpecifiedLineTradeSettlement	Grouping on settlement information				
<p>Status: R</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement</i></p> <p>Data Type: ram:LineTradeSettlementType</p> <p>Cardinality: 1..1</p>					
Extended: X					
Comfort: X					
ApplicableTradeTax	Details on taxes				
<p>Status: D</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax</i></p> <p>Data Type: ram:TradeTaxType</p> <p>Cardinality: 1..n</p> <p>Remark: This section must be used even in the BASIC profile, if the invoice needs to show more than one tax type.</p>					
EN 16931-ID: BG-30					
Extended: X					
Comfort: X					
TypeCode	Tax type (Code)				
<p>Status: R</p> <p>Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/IncludedSupplyChainTradeLineItem/SpecifiedLineTradeSettlement/ApplicableTradeTax/TypeCode</i></p> <p>Data Type: qdt:TaxTypeCodeType</p> <p>Cardinality: 1..1</p> <p>Remark: fixed value = "VAT"</p>					
EN 16931-ID: BT-151-0					
Example VAT					
Extended: X					
Comfort: X					

Details - ZUGFeRD 2.1 schema

ExemptionReason

Exemption reason (free text)

Status: **D**

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

Data Type: udt:TextType

Length: 1 ... 300

Cardinality: 0..1

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

Example VAT exempt for EEA intra-community supply of goods and services

Extended: X

CategoryCode

Tax category

Status: **R**

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

Data Type: qdt:TaxCategoryCodeType

Cardinality: 1..1

Usage: The VAT category codes are as follows:

- S = VAT is charged at the standard rate
- Z = goods to be taxed at the zero rate
- E = tax exempt
- AE = reverse charge
- K = No VAT is shown for intra-Community deliveries
- G = tax not charged due to export outside the EU
- O = Outside the tax application area
- L = IGIC (Canary Islands)
- M = IPSI (Ceuta / Melilla)

Remark: The following entries from UNTDID 5305 are used (details in brackets):

- standard rate (sales tax applies according to normal procedure);
- goods to be taxed at the zero rate (sales tax is due at a percentage of zero);
- tax exempt (VAT / IGIC / IPSI);
- Reverse tax liability (the rules for reverse tax liability apply to VAT / IGIC / IPSI);
- VAT exempt for intra-community goods deliveries (VAT / IGIC / IPSI not levied due to rules on intra-community deliveries);
- Free export item, tax not charged (VAT / IGIC / IPSI not charged due to export outside the EU);
- Services outside the tax application area (sales are not subject to VAT / IGIC / IPSI)
- Canary Islands general indirect tax (IGIC tax applies);
- IPSI (tax for Ceuta / Melilla) applies.

EN 16931-ID: BT-151

Example: S

Extended: X

Comfort: X

Code list: 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

Details - ZUGFeRD 2.1 schema

RateApplicablePercent

Tax percentage

Status: **R**

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

Data Type: udt:PercentType

Cardinality: 0..1

Usage: Depending on the tax CategoryCode, this field is mandatory or optional.

EN 16931-ID: BT-152

Note: The VAT rate applicable to the item being billed and expressed as a percentage

Example 19.00

Extended: X

Comfort: X

SpecifiedTradeSettlementLineMonetarySummation

Details on summation

Status: **D**

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

Data Type: ram:TradeSettlementLineMonetarySummationType

Cardinality: 1..1

Comfort: X

Extended: X

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

TotalAllowanceChargeAmount

Allowance and charge total

Status: **O**

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

Data Type: udt:AmountType

Cardinality: 0..1

Example 206.42

Extended: X

ApplicableHeaderTradeAgreement

Grouping on trade agreement

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeAgreement*

Data Type: ram:HeaderTradeAgreementType

Cardinality: 1..1

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

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

Example 7412B123456789

Comfort: X

Extended: X

SellerTradeParty

Seller (=beneficiary)

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/
ApplicableHeaderTradeAgreement/SellerTradeParty*

Data Type: ram:TradePartyType

Synonym: Supplier

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

ID

Supplier/seller number

Status: **R**

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

Data Type: udt:IDType

Length: 1 ... 8

Synonym: BMW supplier/seller number, supplier identification assigned by the customer, , BMW Company Code

Cardinality: 1..1

Usage: 12345678, A1

Remark: The supplier's / seller's ID is a unique identifier assigned to the supplier/seller by BMW and agreed on a bilateral basis.
In Self-Billing invoice BMW sends the BMW supplier number here.
In an invoice BMW sends their BMW Company Codes in this field

EN 16931-ID: BT-29

Example A1

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

Details - ZUGFeRD 2.1 schema

— **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

Comfort: X

Extended: X

— **DefinedTradeContact**

Details on the seller's contact person

Status: **O**

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

Data Type: ram:TradeContactType

Cardinality: 0..1

EN 16931-ID: BG-6

Comfort: X

Extended: X

— **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

Example Karin Mustermann

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

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

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

FaxUniversalCommunication

Details of the fax number

Status: **O**

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

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

Extended: X

CompleteNumber

Fax number

Status: **R**

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

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 1..1

Example +49 (123) 456789-999

Extended: X

EmailURIUniversalCommunication

Details on email

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/
ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/
EmailURIUniversalCommunication*

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

Details - ZUGFeRD 2.1 schema

Extended: X Comfort: X	
URIID	Email
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/DefinedTradeContact/</i> <i>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	
PostalTradeAddress	Details on address
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 1..1 EN 16931-ID: BG-5	
Comfort: X Extended: X	
PostcodeCode	Postcode
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Length: 1 ... 17 Cardinality: 1..1 EN 16931-ID: BT-38 Example 80333	
Comfort: X Extended: X	
LineOne	Line one of address
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/LineOne</i> 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: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/SellerTradeParty/PostalTradeAddress/LineTwo</i> 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	

Details - ZUGFeRD 2.1 schema

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

Example 201/113/40209

DE234567891

Comfort: X

Extended: X

schemeID

Type of tax identifier

Status: **R**

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

Data Type: xs:token

Synonym: tax Id, VAT Id

Use: required

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

Example FC, VA

Comfort: X

Extended: X

Codelist: UNTDID 1153

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

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

Details - ZUGFeRD 2.1 schema

ID

Buyer number

Status: **R**

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

Data Type: udt:IDType

Length: 1 ... 10

Synonym: BMW Company Code, BMW client code, customer number

Cardinality: 1..1

Remark: For Self-Billing invoice - Code to identify the correct BMW company and assigned from BMW

In a sales Invoice BMW will send the customer number in this field

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
	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

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

Use: required

EN 16931-ID: BT-46-1

Example 0060

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

Name	Buyer company name
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/Name</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 1..1 Usage: Buyer GmbH, BMW AG EN 16931-ID: BT-44 Example BMW AG	
Comfort: X Extended: X	
DefinedTradeContact	Details on the buyer's contact person
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact</i> Data Type: ram:TradeContactType Cardinality: 0..1 EN 16931-ID: BG-9	
Comfort: X Extended: X	
PersonName	Contact person name
Status: D Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/PersonName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 EN 16931-ID: BT-56 Example Hans Muster	
Comfort: X Extended: X	
DepartmentName	Department name
Status: D Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/ 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	
TelephoneUniversalCommunication	Details of the phone number
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/ TelephoneUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1	
Comfort: X Extended: X	

Details - ZUGFeRD 2.1 schema

CompleteNumber	Phone number
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/ 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	
FaxUniversalCommunication	Details of the fax number
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/ FaxUniversalCommunication</i> Data Type: ram:UniversalCommunicationType	
Cardinality: 0..1	
Extended: X	
CompleteNumber	Fax number
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/ FaxUniversalCommunication/CompleteNumber</i> Data Type: udt:TextType Length: 1 ... 20 Cardinality: 1..1	
Example +49 (123) 56789-999	
Extended: X	
EmailURIUniversalCommunication	Details on email
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerTradeParty/DefinedTradeContact/ EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType	
Cardinality: 0..1	
Comfort: X	
Extended: X	
URIID	Email
Status: R 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	

Details - ZUGFeRD 2.1 schema

PostalTradeAddress

Details on buyer address

Status: **R**

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

Data Type: ram:TradeAddressType

Cardinality: 1..1

EN 16931-ID: BG-8

Note: Complete address of the buyer

Comfort: X

Extended: X

PostcodeCode

Postcode buyer

Status: **R**

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

Data Type: udt:CodeType

Length: 1 ... 17

Cardinality: 1..1

EN 16931-ID: BT-53

Example 80788

Comfort: X

Extended: X

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" 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

Example München

Details - ZUGFeRD 2.1 schema

CountryID		Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/PostalTradeAddress/CountryID</i> Data Type: qdt:CountryIDType Cardinality: 1..1 EN 16931-ID: BT-55 Example DE	Country (Code), buyer
SpecifiedTaxRegistration		Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration</i> Data Type: ram:TaxRegistrationType Cardinality: 0..1	Tax registration details
ID		Status: D R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration/ID</i> Data Type: udt:IDType Length: 1 ... Cardinality: 1..1 EN 16931-ID: BT-48 Example 201/123/12340 DE234567780	(Local) tax Id VAT Id, buyer
schemeID		Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/BuyerTradeParty/SpecifiedTaxRegistration/ID/</i> <i>@schemeID</i> Data Type: xs:token Synonym: tax Id, VAT Id Use: required EN 16931-ID: BT-48-0 Example FC, VA	Type of tax identifier
Codelist: UNTDID 1153		Allowed codes: <i>Code</i> <i>Codename</i> VA VAT registration number	
ApplicableTradeDeliveryTerms		Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeAgreement/ApplicableTradeDeliveryTerms</i> Data Type: ram:TradeDeliveryTermsType Cardinality: 0..1	Details on delivery terms

Details - ZUGFeRD 2.1 schema

DeliveryTypeCode	Delivery type (Code)
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/ApplicableTradeDeliveryTerms/DeliveryTypeCode</i>	
Data Type: qdt:DeliveryTermsCodeType	
Synonym: Incoterms	
Cardinality: 1..1	
Example EXW	
Extended: X	
BuyerOrderReferencedDocument	Details on corresponding order
Status: A	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument</i>	
Data Type: ram:ReferencedDocumentType	
Cardinality: 0..1	
Comfort: X	
Extended: X	
IssuerAssignedID	Order number
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/IssuerAssignedID</i>	
Data Type: udt:IDType	
Length: 1 ... 16	
Cardinality: 1..1	
EN 16931-ID: BT-13	
Example F37PNPF	
Comfort: X	
Extended: X	
FormattedIssueDateTime	Order date
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/ FormattedIssueDateTime</i>	
Data Type: qdt:FormattedDateTimeType	
Cardinality: 0..1	
Extended: X	
DateTimeString	Order date, value
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/ FormattedIssueDateTime/DateTimeString</i>	
Data Type: extension (xsd:string)	
Length: 1 ...	
Cardinality: 1..1	
Example 20191224	
Extended: X	
format	Date, format
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeAgreement/BuyerOrderReferencedDocument/ FormattedIssueDateTime/DateTimeString/@format</i>	
Data Type: qdt:FormattedDateTimeFormatContentType	
Use: required	
Example 102	
Extended: X	

Details - ZUGFeRD 2.1 schema

Codelist: UNTDID 2379

Allowed codes: *Code* *Codename*
102 CCYYMMDD

ApplicableHeaderTradeDelivery

Grouping on delivery information

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery*

Data Type: ram:HeaderTradeDeliveryType

Cardinality: 1..1

Comfort: X

Extended: X

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

Identification of ship to

Status: **O**

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

Data Type: udt:IDType

Length: 2 ... 2

Cardinality: 0..1

Usage: BMW is sending different plant codes compared to VDA4905 / VDA4913.

EN 16931-ID: BT-71

Example A120

Comfort: X

Extended: X

Name

(Company) name of ship to

Status: **O**

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

Data Type: udt:TextType

Length: 1 ... 35

Cardinality: 0..1

EN 16931-ID: BT-70

Example BMW AG

Comfort: X

Extended: X

DefinedTradeContact

Details of the contact person

Status: **O**

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

Data Type: ram:TradeContactType

Cardinality: 0..1

Extended: X

Details - ZUGFeRD 2.1 schema

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

Details - ZUGFeRD 2.1 schema

Extended: X	
URIID	Email
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... 100 Cardinality: 1..1 Example hans.muster@buyer.de	
Extended: X	
PostalTradeAddress	Details on address
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 0..1 EN 16931-ID: BG-15	
Comfort: X	
Extended: X	
PostcodeCode	Postcode
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Length: 1 ... 17 Cardinality: 0..1 EN 16931-ID: BT-78 Example 69876	
Comfort: X	
Extended: X	
LineOne	Line one of address
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/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-75 Example Kundenstraße 15	
Comfort: X	
Extended: X	
LineTwo	Line two
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/LineTwo</i> Data Type: udt:TextType Cardinality: 0..1 EN 16931-ID: BT-76 Example Gebäude 3	
Comfort: X	
Extended: X	

Details - ZUGFeRD 2.1 schema

CityName	City
Status: A	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipToTradeParty/PostalTradeAddress/CityName</i>	
Data Type: udt:TextType	
Length: 1 ... 35	
Cardinality: 0..1	
EN 16931-ID: BT-77	
Example Frankfurt	
Comfort: X	
Extended: X	
CountryID	Country (Code)
Status: R	
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	
ShipFromTradeParty	Identification of the alternative ship from
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty</i>	
Data Type: ram:TradePartyType	
Cardinality: 0..1	
Extended: X	
ID	Identification of ship from
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/ID</i>	
Data Type: udt:IDType	
Cardinality: 0..n	
Example 12345678	
Extended: X	
Name	(Company) name of the ship from
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/Name</i>	
Data Type: udt:TextType	
Length: 1 ... 35	
Cardinality: 0..1	
Example Supplier GmbH	
Extended: X	
DefinedTradeContact	Details of the contact person
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact</i>	
Data Type: ram:TradeContactType	
Cardinality: 0..1	
Extended: X	

Details - ZUGFeRD 2.1 schema

PersonName

Name of the contact person

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/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/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/DepartmentName*

Data Type: udt:TextType

Length: 1 ... 20

Cardinality: 0..1

Example Shipping

Extended: X

TelephoneUniversalCommunication

Details of the phone number

Status: **O**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/TelephoneUniversalCommunication*

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

Extended: X

CompleteNumber

Phone number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/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/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/FaxUniversalCommunication*

Data Type: ram:UniversalCommunicationType

Cardinality: 0..1

Extended: X

CompleteNumber

Fax number

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/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

EmailURIUniversalCommunication	Details on email
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/EmailURIUniversalCommunication</i> Data Type: ram:UniversalCommunicationType Cardinality: 0..1 Extended: X	
URIID	Email
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... 100 Cardinality: 1..1 Example hans.muster@buyer.tld Extended: X	
PostalTradeAddress	Details on address
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 0..1 Extended: X	
PostcodeCode	Postcode
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Length: 1 ... 17 Cardinality: 0..1 Example 69876 Extended: X	
LineOne	Line one of address
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/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. Example Kundenstraße 15 Extended: X	
LineTwo	Line two
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/LineTwo</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Gebäude 3 Extended: X	

Details - ZUGFeRD 2.1 schema

CityName	City
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ShipFromTradeParty/PostalTradeAddress/CityName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Frankfurt Extended: X	
CountryID	Country (Code)
Status: R 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: R 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: R 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: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ActualDeliverySupplyChainEvent/OccurrenceDateTime/DateTimeString</i> Data Type: extension (xsd:string) Length: 1 ... 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	

Details - ZUGFeRD 2.1 schema

format

Date, format

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeDelivery/ActualDeliverySupplyChainEvent/OccurrenceDateTime/DateTimeString/@format*

Data Type: xs:string

Use: required

EN 16931-ID: BT-72-0

Example 102

Comfort: X

Extended: X

Codelist: UNTDID 2379

Allowed codes:	Code	Codename
	102	CCYYMMDD

ApplicableHeaderTradeSettlement

Grouping on settlement information

Status: **R**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement*

Data Type: ram:HeaderTradeSettlementType

Cardinality: 1..1

Comfort: X

Extended: X

TaxCurrencyCode

VAT accounting currency code

Status: **D**

Path: *CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/TaxCurrencyCode*

Data Type: qdt:CurrencyCodeType

Cardinality: 0..1

Remark: Shall be used in combination with the Invoice total VAT amount in accounting currency (BT-111) when the VAT accounting currency code differs from the Invoice currency code.

The lists of valid currencies are registered with the ISO 4217 Maintenance Agency "Codes for the representation of currencies and funds". Please refer to Article 230 of the Council Directive 2006/112/EC for more information.

EN 16931-ID: BT-6

Note: The currency used for VAT accounting and reporting purposes as accepted or required in the country of the Seller.

Example EUR

Comfort: X

Extended: X

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: **O**

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.

Details - ZUGFeRD 2.1 schema

Extended: X	
ID	Identification of the alternative invoicee
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/ID</i> Data Type: udt:IDType Length: 2 ... 2 Synonym: BMW Company Code, customer number, supplier number Cardinality: 1..1 Note: Identification of the alternative invoicee Example A1	
Extended: X	
GlobalID	Global identifier
Status: A Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/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: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/GlobalID/@schemeID</i> Data Type: xs:token Use: required Example 0021, 0088, 0060, 0177	
Extended: X	
Name	(Company) name of the alternative invoicee
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/Name</i> Data Type: udt:TextType Cardinality: 1..1 Example Invoicee AG	
Extended: X	
DefinedTradeContact	Details of the contact person
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact</i> Data Type: ram:TradeContactType Cardinality: 0..1	
Extended: X	
PersonName	Name of the contact person
Status: D Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/PersonName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Hans Muster	
Extended: X	

Details - ZUGFeRD 2.1 schema

DepartmentName	Department name
Status: D	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/DepartmentName</i>	
Data Type: udt:TextType	
Length: 1 ... 20	
Cardinality: 0..1	
Example Accounting	
Extended: X	
TelephoneUniversalCommunication	Details of the phone number
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/TelephoneUniversalCommunication</i>	
Data Type: ram:UniversalCommunicationType	
Cardinality: 0..1	
Extended: X	
CompleteNumber	Phone number
Status: R	
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	
FaxUniversalCommunication	Details of the fax number
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/FaxUniversalCommunication</i>	
Data Type: ram:UniversalCommunicationType	
Cardinality: 0..1	
Extended: X	
CompleteNumber	Fax number
Status: R	
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	
EmailURIUniversalCommunication	Details on email
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/EmailURIUniversalCommunication</i>	
Data Type: ram:UniversalCommunicationType	
Cardinality: 0..1	
Extended: X	

Details - ZUGFeRD 2.1 schema

URIID	Email
<p>Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/DefinedTradeContact/EmailURIUniversalCommunication/URIID</i> Data Type: udt:IDType Length: 1 ... 100 Cardinality: 1..1 Example hans.muster@buyer.tld Extended: X</p>	
PostalTradeAddress	Details on address
<p>Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress</i> Data Type: ram:TradeAddressType Cardinality: 1..1 Extended: X</p>	
PostcodeCode	Postcode
<p>Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/PostcodeCode</i> Data Type: udt:CodeType Length: 1 ... 17 Cardinality: 1..1 Example 80788 Extended: X</p>	
LineOne	Line one of address
<p>Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/LineOne</i> 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</p>	
LineTwo	Line two
<p>Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/LineTwo</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 0..1 Example Gebäude 3 Extended: X</p>	
CityName	City
<p>Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CityName</i> Data Type: udt:TextType Length: 1 ... 35 Cardinality: 1..1 Example München Extended: X</p>	

Details - ZUGFeRD 2.1 schema

CountryID	Country (Code)
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/InvoiceeTradeParty/PostalTradeAddress/CountryID</i>	
Data Type: qdt:CountryIDType	
Cardinality: 1..1	
Example DE	
Extended: X	
TaxApplicableTradeCurrencyExchange	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange</i>	
Data Type: ram:TradeCurrencyExchangeType	
Cardinality: 0..1	
Extended: X	
SourceCurrencyCode	Invoice currency
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/SourceCurrencyCode</i>	
Data Type: qdt:CurrencyCodeType	
Cardinality: 1..1	
Example EUR	
Extended: X	
TargetCurrencyCode	Home Currency
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/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	
Extended: X	
ConversionRate	Exchangerate
Status: R	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/ConversionRate</i>	
Data Type: udt:RateType	
Cardinality: 1..1	
Example 0.8789	
Extended: X	
ConversionRateDateTime	Exchange date
Status: O	
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ApplicableHeaderTradeSettlement/TaxApplicableTradeCurrencyExchange/ConversionRateDateTime</i>	
Data Type: udt:DateTimeType	
Cardinality: 0..1	
Extended: 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 ...

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

Comfort: X

Extended: X

TypeCode

Payment means type (code)

Status: **R**

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

Data Type: qdt:PaymentMeansCodeType

Cardinality: 1..1

Usage: ZZZ : Mutually defined

Remark: BMW only uses the code ZZZ

EN 16931-ID: BT-81

Example ZZZ

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

Details - ZUGFeRD 2.1 schema

PayerPartyDebtorFinancialAccount		Buyer's financial institution
Status:	D	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/ PayerPartyDebtorFinancialAccount</i>	
Data Type:	ram:DebtorFinancialAccountType	
Cardinality:	0..1	
Comfort:	X	
Extended:	X	
IBANID		IBAN
Status:	R	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/ PayerPartyDebtorFinancialAccount/IBANID</i>	
Data Type:	udt:IDType	
Length:	1 ...	
Cardinality:	1..1	
Remark:	Must be stated with direct debit	
EN 16931-ID:	BG-19/BT-91	
Example	DE55 1234 5678 9012 3456 12	
Comfort:	X	
Extended:	X	
PayeePartyCreditorFinancialAccount		Seller's bank account
Status:	D	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/ PayeePartyCreditorFinancialAccount</i>	
Data Type:	ram:CreditorFinancialAccountType	
Cardinality:	0..1	
EN 16931-ID:	BG-17	
Comfort:	X	
Extended:	X	
IBANID		IBAN
Status:	D	
Path:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/ PayeePartyCreditorFinancialAccount/IBANID</i>	
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:	<i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/ PayeePartyCreditorFinancialAccount/AccountName</i>	
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.	
Comfort:	X	
Extended:	X	

Details - ZUGFeRD 2.1 schema

PayeeSpecifiedCreditorFinancialInstitution		Seller's financial institution
Status: D		
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/</i> <i>PayeeSpecifiedCreditorFinancialInstitution</i>		
Data Type: ram:CreditorFinancialInstitutionType		
Cardinality: 0..1		
Comfort: X		
Extended: X		
BICID		BIC
Status: R		
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/SpecifiedTradeSettlementPaymentMeans/</i> <i>PayeeSpecifiedCreditorFinancialInstitution/BICID</i>		
Data Type: udt:IDType		
Length: 1 ...		
Cardinality: 1..1		
EN 16931-ID: BT-86		
Example XXXXXXXXXXXX		
Comfort: X		
Extended: X		
ApplicableTradeTax		Details on trade tax
Status: R		
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/ApplicableTradeTax</i>		
Data Type: ram:TradeTaxType		
Cardinality: 1..n		
EN 16931-ID: BG-23		
Comfort: X		
Extended: X		
CalculatedAmount		Tax calculated amount
Status: R		
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/ApplicableTradeTax/CalculatedAmount</i>		
Data Type: udt:AmountType		
Cardinality: 1..1		
EN 16931-ID: BT-117		
Example 451.03		
Comfort: X		
Extended: X		
TypeCode		Tax type (code)
Status: R		
Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/</i> <i>ApplicableHeaderTradeSettlement/ApplicableTradeTax/TypeCode</i>		
Data Type: qdt:TaxTypeCodeType		
Cardinality: 1..1		
Remark: fixed value = "VAT"		
EN 16931-ID: BT-118-0		
Example VAT		
Comfort: X		
Extended: X		

Details - ZUGFeRD 2.1 schema

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

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

Details - ZUGFeRD 2.1 schema

RateApplicablePercent

Tax rate percentage

Status: **O**

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

Data Type: udt:PercentType

Cardinality: 0..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

Example 19.00

Comfort: X

Extended: X

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 0.00

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

ActualAmount	Allowance or charge actual amount
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ActualAmount</i> Data Type: udt:AmountType Cardinality: 1..1 EN 16931-ID: BT-92 BT-99	
Example 0.00	
Comfort: X	
Extended: X	
ReasonCode	Reason for allowance or charge (Code)
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ReasonCode</i> Data Type: qdt:AllowanceChargeReasonCodeType Cardinality: 0..1 EN 16931-ID: BT-98, BT-105	
Example FC	
Comfort: X	
Extended: X	
Reason	Reason for allowance or charge (free text)
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/Reason</i> 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: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/CategoryTradeTax</i> Data Type: ram:TradeTaxType Cardinality: 1..1	
Comfort: X	
Extended: X	
TypeCode	Tax type (Code)
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradeAllowanceCharge/ CategoryTradeTax/TypeCode</i> 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	

Details - ZUGFeRD 2.1 schema

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

Example S

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: **O**

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

Details - ZUGFeRD 2.1 schema

AppliedAmount	Service charge amount
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedAmount</i> Data Type: udt:AmountType Cardinality: 1..1 Example 4.95 Extended: X	
AppliedTradeTax	Details on taxes
Status: D Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax</i> Data Type: ram:TradeTaxType Cardinality: 0..n Extended: X	
TypeCode	Tax type (Code)
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax/ TypeCode</i> Data Type: qdt:TaxTypeCodeType Cardinality: 0..1 Example VAT Extended: X	
CategoryCode	Tax category
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax/ CategoryCode</i> Data Type: qdt:TaxCategoryCodeType Cardinality: 1..1 Example S Extended: X	
RateApplicablePercent	Tax rate percentage
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedLogisticsServiceCharge/AppliedTradeTax/ RateApplicablePercent</i> Data Type: udt:PercentType Cardinality: 1..1 Example 19.00 Extended: X	
SpecifiedTradePaymentTerms	Details on payment terms
Status: D 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: D Path: CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/Description Data Type: udt:TextType Cardinality: 0..1 EN 16931-ID: BT-20 Example Payable within 30 days from date of invoice Comfort: X Extended: X							
DueDateDateTime	Due date						
Status: D Path: CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime Data Type: udt:DateTimeType Cardinality: 0..1 Comfort: X Extended: X							
DateTimeString	Due date, value						
Status: R Path: CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime/ DateTimeString 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: R Path: CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/SpecifiedTradePaymentTerms/DueDateDateTime/ DateTimeString/@format Data Type: xs:string Use: required EN 16931-ID: BT-9-0 Note: YYYYMMDD Example 102 Comfort: X Extended: X Codelist: UNTDID 2379 <table><tr><td>Allowed codes:</td><td>Code</td><td>Codename</td></tr><tr><td></td><td>102</td><td>CCYYMMDD</td></tr></table>		Allowed codes:	Code	Codename		102	CCYYMMDD
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							

Details - ZUGFeRD 2.1 schema

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

Comfort: X

Extended: X

TaxBasisTotalAmount

Tax basis total amount

Status: **R**

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

Data Type: udt:AmountType

Cardinality: 1..2

Remark: Sum of line total amount + charge totals - allowance totals

EN 16931-ID: BT-109

Comfort: X

Extended: X

Details - ZUGFeRD 2.1 schema

currencyID	Currency (code)
Status: O Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ SpecifiedTradeSettlementHeaderMonetarySummation/TaxBasisTotalAmount/ @currencyID</i> Data Type: xs:token Remark: ISO 4217 codelist	
TaxTotalAmount	Tax total amount
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ 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	
Comfort: X	
Extended: X	
currencyID	Currency
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ SpecifiedTradeSettlementHeaderMonetarySummation/TaxTotalAmount/@currencyID</i> Data Type: xs:token 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	
Comfort: X	
Extended: X	
GrandTotalAmount	Grand total
Status: R Path: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ SpecifiedTradeSettlementHeaderMonetarySummation/GrandTotalAmount</i> 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: <i>CrossIndustryInvoice/SupplyChainTradeTransaction/ ApplicableHeaderTradeSettlement/ SpecifiedTradeSettlementHeaderMonetarySummation/GrandTotalAmount/@currencyID</i> Data Type: xs:token Remark: ISO 4217 codelist Example EUR	
Extended: X	

Details - ZUGFeRD 2.1 schema

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

Synonym: Payable amount

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

InvoiceReferencedDocument

Details on referenced invoice

Status: **D**

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

Invoice number previous document

Status: **R**

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

Data Type: udt:IDType

Length: 1 ...

Cardinality: 1..1

EN 16931-ID: BT-25

Example F111N22

Comfort: X

Extended: X