

# **EDI GUIDE**

## **XML - INVOIC01**



**Who should read this document?**

This document is for EDI-administrators who will implement this EDI-guide to be able to receive XML-IDOC invoices from Bosch Rexroth AG.

**Explanation of usage:**

First of all, the usage of each segment has to be considered, so if a segment is mandatory (M), it has to appear in the data file.

It might happen, that a segment itself is optional (O), but the elements within the segment are declared as mandatory. This means, it is not required that the segment is included, but as soon as the segment is in data file, the mandatory fields must be filled.

The same procedure has to be applied to segment groups and segments: A segment group can be optional, while the contained segments are mandatory. In this case all mandatory segments of a segment group has to appear in the data file, if you decide to use this segment group.

The declaration as mandatory of certain segment groups, segments or fields may differ from the description of the standard SAP INVOIC01. We have changed the declaration of some elements from optional to mandatory as they are important for our processes. Organizational data such as AG, LF may differ from the examples provided, based on the relevant scenario of a customer relationship (Outgoing INVOIC)

If you have questions to this guide, send an e-mail to: [SupportSales.EDI@de.bosch.com](mailto:SupportSales.EDI@de.bosch.com)

tag	min	max	O/M	content/example	description
<?xml version="1.0" encoding="UTF-8" ?> <INVOIC01>	0	1			
<IDOC BEGIN=1>	1	-1			
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<MANDT></MANDT>	0	1			client
<DOCNUM></DOCNUM>	0	1			idoc number
<DOCREL></DOCREL>	0	1			release
<STATUS></STATUS>	0	1			status of idoc
<DIRECT></DIRECT>	1	1	O 2		direction
<OUTMOD></OUTMOD>	0	1			output mode
<EXPRSS></EXPRSS>	0	1			overriding in inbound processing
<TEST></TEST>	0	1			test flag
<IDOCTYP></IDOCTYP>	1	1	M	INVOIC01	name of basic type
<CIMTYP></CIMTYP>	0	1			extension
<MESTYP></MESTYP>	1	1	M	INVOIC	message type
<MESCOD></MESCOD>	0	1			message code
<MESFCT></MESFCT>	0	1			message function
<STD></STD>	0	1			EDI standard, flag
<STDVRS></STDVRS>	0	1			EDI standard, version
<STDMES></STDMES>	0	1			message type
<SNDPOR></SNDPOR>	1	1			sender port
<SNDPRT></SNDPRT>	1	1	M	LI	partner type of sender
<SNDPFC></SNDPFC>	0	1	M	LF	partner function of sender
<SNDRPN></SNDRPN>	1	1	M	vendor number in customer system	sender address
<SNDSAD></SNDSAD>	0	1			logical address of sender
<SNLAD></SNLAD>	0	1			receiver port
<RCVPOR></RCVPOR>	1	1	M	KU	partner type of recipient
<RCVPRT></RCVPRT>	1	1	M	RE	partner number of recipient
<RCVPFC></RCVPFC>	0	1	M	customer number in vendor system	recipient address
<RCVPRN></RCVPRN>	1	1			logical address of recipient
<RCVSAD></RCVSAD>	0	1	M	sending date (YYYYMMDD)	created on
<RCVLAD></RCVLAD>	0	1			time created
<CREDAT></CREDAT>	0	1			transmission file
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<REFINT></REFINT>	0	1			message
<REFGRP></REFGRP>	0	1			key for external archive
<REFMES></REFMES>	0	1			serialization
<ARCKEY></ARCKEY>	0	1			
<SERIAL></SERIAL>	0	1			
</EDI_DC40>					
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<ACTION></ACTION>	0	1	M	001 = original	Action code for the whole EDI message
<KZABS></KZABS>	0	1			Flag: order acknowledgment required
<CURCY></CURCY>	1	1	M	message currency e.g. EUR	Currency
<HWAER></HWAER>	0	1			EDI local currency
<WKURS></WKURS>	0	1			Exchange rate
<ZTERM></ZTERM>	0	1			Terms of payment key
<KUNDEUINR></KUNDEUINR>	0	1	O	customer VAT registration	VAT registration number
<EIGENUINR></EIGENUINR>	0	1	O	vendor VAT registration	VAT registration number
<BSART></BSART>	0	1			Document type
<BELNR></BELNR>	1	1	M	invoice number	Document number
<NTGEW></NTGEW>	0	1			Net weight
<BRGEW></BRGEW>	0	1			Net weight
<GEWEI></GEWEI>	0	1			Weight unit
<FKART_RL></FKART_RL>	0	1			Invoice list type
<ABLAD></ABLAD>	0	1			Unloading point
<BSTZD></BSTZD>	0	1			Purchase order number supplement
<VSART></VSART>	0	1	O	1 = seafreight 2 = train 3 = truck 4 = airfreight 5 = mail 9 = express	Shipping conditions
<VSART_BEZ></VSART_BEZ>	0	1	O	description of shipping type	Description of the shipping type
<RECIPNT_NO></RECIPNT_NO>	0	1			Number of recipient (for control via the ALE model)
<KZAZU></KZAZU>	0	1			Order combination indicator
<AUTLF></AUTLF>	0	1			Complete delivery defined for each sales order?
<AUGRU></AUGRU>	0	1			Order reason (reason for the business transaction)
<AUGRU_BEZ></AUGRU_BEZ>	0	1			Description
<ABRVW></ABRVW>	0	1			Usage indicator
<ABRVW_BEZ></ABRVW_BEZ>	0	1			Description
<FKTYP></FKTYP>	0	1			Billing category
<LIFSK></LIFSK>	0	1			Delivery block (document header)
<LIFSK_BEZ></LIFSK_BEZ>	0	1			Description
<EMPST></EMPST>	0	1			Receiving point
<ABTNR></ABTNR>	0	1			Department number
<DELCO></DELCO>	0	1			Agreed delivery time
<WKURS_M></WKURS_M>	0	1			Indirectly quoted exchange rate in an IDoc segment
</E1EDK01>					

tag	min	max	O/M	content/example	description
<b>&lt;E1EDKA1 Segment=1&gt;</b>	1	99	M		<b>E1EDKA1: Document Header Partner Information</b>
<PARVW></PARVW>	1	1		EK = buyers agent RE = party to be billed AG = buyer SP = carrier WE = consignee (ship to) ZM = contact party RG = payer VR = sellers agent RS = invoicing party	Partner function
<PARTN></PARTN>	1	1	M	partner number	Partner number
<LIFNR></LIFNR>	0	1			Vendor number at customer location
<NAME1></NAME1>	1	1	M	name1	Name 1
<NAME2></NAME2>	0	1	O	name2	Name 2
<NAME3></NAME3>	0	1	O	name3	Name 3
<NAME4></NAME4>	0	1	O	name4	Name 4
<STRAS></STRAS>	1	1	M	street	Street and house number 1
<STRS2></STRS2>	0	1			Street and house number 2
<PFACH></PFACH>	0	1			P.O
<ORT01></ORT01>	1	1	M	city	City
<COUNC></COUNC>	0	1			County code
<PSTLZ></PSTLZ>	1	1	M	postal code	Postal code
<PSTL2></PSTL2>	0	1			P.O
<LAND1></LAND1>	1	1	M	country	Country key
<ABLAD></ABLAD>	0	1			Unloading point
<PERNR></PERNR>	0	1			Contact person's personnel number
<PARNR></PARNR>	0	1			Contact person's number
<TELF1></TELF1>	0	1	O	phone	1st telephone number of contact person
<TELF2></TELF2>	0	1			2nd telephone number of contact person
<TELBX></TELBX>	0	1			Telebox number
<TELFX></TELFX>	0	1	O	fax	Fax number
<TELTX></TELTX>	0	1			Teletex number
<TELX1></TELX1>	0	1			Telex number
<SPRAS></SPRAS>	1	1	M	EN = English FR = French ...(other ISO-Codes)	Language key
<ANRED></ANRED>	0	1			FormOfAddr
<ORT02></ORT02>	0	1			District
<HAUSN></HAUSN>	0	1			House number
<STOCK></STOCK>	0	1			Floor
<REGIO></REGIO>	0	1			Region
<PARGE></PARGE>	0	1			Partner's gender
<ISOAL></ISOAL>	0	1			Country ISO code
<ISONU></ISONU>	0	1			Country ISO code
<FCODE></FCODE>	0	1			Company key (France)
<IHREZ></IHREZ>	0	1			Your reference (Partner)
<BNAME></BNAME>	0	1	O	contact	user name
<PAORG></PAORG>	0	1			organization code
<ORGTX></ORGTX>	0	1			organization code text
<PAGRU></PAGRU>	0	1			group code
<KNREF></KNREF>	0	1			Customer description of partner (plant, storage location)
<ILNNR></ILNNR>	0	1			Character field, length 70
<PFORT></PFORT>	0	1			PO Box city
<SPRAS_ISO></SPRAS_ISO>	0	1			Language according to ISO 639
<TITLE></TITLE>	0	1			Title
<b>&lt;/E1EDKA1&gt;</b>					
<b>&lt;E1EDK02 Segment=1&gt;</b>	1	20	M		<b>E1EDK02: Document header reference data</b>
<QUALF></QUALF>	1	1	M	009 = invoice number	qualifier reference document
<BELNR></BELNR>	1	1	M	number of invoice	document number
<POSNR></POSNR>	0	1			Item number
<DATUM></DATUM>	1	1	M	date of invoice	Date
<UZEIT></UZEIT>	0	1			Time
<b>&lt;/E1EDK02&gt;</b>					
<b>&lt;E1EDK03 Segment=1&gt;</b>	0	20	O		<b>E1EDK03: Document header date segment</b>
<IDDAT></IDDAT>	0	1			Qualifier for IDOC date segment
<DATUM></DATUM>	0	1			Date
<UZEIT></UZEIT>	0	1			Time
<b>&lt;/E1EDK03&gt;</b>					

tag	min	max	O/M	content/example	description
<b>&lt;E1EDK05 Segment=1&gt;</b>	0	99	O		<b>E1EDK05: Document header conditions</b>
<ALCKZ></ALCKZ>	1	1	M	+/-	Surcharge or discount indicator
<KSCHL></KSCHL>	1	1	M	ZKFR = freight costs ZKVP = packing costs	Condition type (coded)
<KOTXT></KOTXT>	0	1			Condition text
<BETRG></BETRG>	1	1	M	amount of additional costs	Fixed surcharge/discount on total gross
<KPERC></KPERC>	0	1			Condition percentage rate
<KRATE></KRATE>	0	1			Condition record per unit
<UPRBS></UPRBS>	0	1			Price unit
<MEAUN></MEAUN>	0	1			Unit of measurement
<KOBTR></KOBTR>	0	1			Condition end amount
<MWSKZ></MWSKZ>	0	1			VAT indicator
<MSATZ></MSATZ>	0	1			VAT rate
<KOEIN></KOEIN>	0	1			
<b>&lt;/E1EDK05&gt;</b>					
<b>&lt;E1EDK04 Segment=1&gt;</b>	0	25	O		<b>E1EDK04: Document header taxes</b>
<MWSKZ></MWSKZ>	0	1			VAT indicator
<MSATZ></MSATZ>	0	1	O	vat ratge	VAT rate
<MWSBT></MWSBT>	0	1			Value added tax amount
<TXJCD></TXJCD>	0	1			Jurisdiction for tax calculation - tax jurisdiction code
<KTEXT></KTEXT>	0	1			Text Field
<b>&lt;/E1EDK04&gt;</b>					
<b>&lt;E1EDK17 Segment=1&gt;</b>	0	1	O		<b>E1EDK17: Document Header Terms of Delivery</b>
<QUALF></QUALF>	0	1			Qualifier: Terms of delivery
<LKOND></LKOND>	0	1			Delivery condition code
<LKTEXT></LKTEXT>	0	1			Delivery condition text
<b>&lt;/E1EDK17&gt;</b>					
<b>&lt;E1EDK18 Segment=1&gt;</b>	0	10			<b>E1EDK18: Document Header Terms of Payment</b>
<QUALF></QUALF>	0	1			Qualifier: Terms of payment
<TAGE></TAGE>	0	1			Number of days
<PRZNT></PRZNT>	0	1			Percentage for terms of payment
<ZTERM_TXT></ZTERM_TXT>	0	1			Text line
<b>&lt;/E1EDK18&gt;</b>					
<b>&lt;E1EDK23 Segment=1&gt;</b>	0	4			<b>E1EDK23: Document Header Currency Segment</b>
<QUALF></QUALF>	0	1			Qualifier currency
<WAERZ></WAERZ>	0	1			Currency
<WAERQ></WAERQ>	0	1			Currency
<KURS></KURS>	0	1			Rate
<DATUM></DATUM>	0	1			Date
<ZEIT></ZEIT>	0	1			Time
<KURS_M></KURS_M>	0	1			Indirectly quoted exchange rate in an IDoc segment
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<b>&lt;E1EDK28 Segment=1&gt;</b>	0	20			<b>E1EDK28: Document Header Bank Data</b>
<BCOUN></BCOUN>	0	1			Country key
<BRNUM></BRNUM>	0	1			Bank key
<BNAME></BNAME>	0	1			Bank name
<BALOC></BALOC>	0	1			Location of bank
<ACNUM></ACNUM>	0	1			Account number in bank data
<ACNAM></ACNAM>	0	1			Account holder in bank data
<b>&lt;/E1EDK28&gt;</b>					

tag	min	max	O/M	content/example	description
<E1EDK29 Segment=1>	0	20			<b>E1EDK29: General Foreign Trade Data</b>
<EXNUM></EXNUM>	0	1			Number of foreign trade data in MM and SD documents
<ALAND></ALAND>	0	1			Departure country (country from which the goods are sent)
<EXPVZ></EXPVZ>	0	1			Mode of Transport for Foreign Trade
<ZOLLA></ZOLLA>	0	1			Customs office: Office of exit for foreign trade
<ZOLLB></ZOLLB>	0	1			Customs office: Office of destination for foreign trade
<ZOLL1></ZOLL1>	0	1			Customs office: Customs office 1 for foreign trade
<ZOLL2></ZOLL2>	0	1			Customs office: Customs office 2 for foreign trade
<ZOLL3></ZOLL3>	0	1			Customs office: Customs office 3 for foreign trade
<ZOLL4></ZOLL4>	0	1			Customs office: Customs office 4 for foreign trade
<ZOLL5></ZOLL5>	0	1			Customs office: Customs office 5 for foreign trade
<ZOLL6></ZOLL6>	0	1			Customs office: Customs office 6 for foreign trade
<KZGBE></KZGBE>	0	1			Indicator for means of transport crossing the border
<KZABE></KZABE>	0	1			Indicator for the means of transport at departure
<STGBE></STGBE>	0	1			Origin of Means of Transport when Crossing the Border
<STABE></STABE>	0	1			Country of Origin of the Means of Transport at Departure
<CONTA></CONTA>	0	1			ID: Goods cross border in a container
<GRWCU></GRWCU>	0	1			Currency of statistical values for foreign trade
<GRWRT></GRWRT>	0	1			Total value of sum segment
<LAND1></LAND1>	0	1			Country key
<LANDX></LANDX>	0	1			Country name
<LANDA></LANDA>	0	1			Alternative Country Key
<XEGLD></XEGLD>	0	1			Indicator: European Union member ?
<FREIH></FREIH>	0	1			Indicator: Free trade area for legal control
<EWRCO></EWRCO>	0	1			ID: European Economic Area (rel
<USC05></USC05>	0	1			USA: Four-digit country code (SED: Schedule C code)
<JAP05></JAP05>	0	1			Japan: Five digit country code (MIT) customs declaration)
<ALANX></ALANX>	0	1			Country of dispatch - Description
<ALANA></ALANA>	0	1			Alternative country key for country of dispatch/export
<LASTA></LASTA>	0	1			Alt
<LASTG></LASTG>	0	1			Alt
<ALSCH></ALSCH>	0	1			Alternative country key for sold-to party
<ALSRE></ALSRE>	0	1			Currency code by country directory
<LADEO></LADEO>	0	1			Place of loading
<IEVER></IEVER>	0	1			Domestic Mode of Transport for Foreign Trade
<BANR01></BANR01>	0	1			FT-EDI: Declarations to the authorities - ID no
<BANR02></BANR02>	0	1			FT-EDI: Declarations to the authorities: ID no.
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<BANR04></BANR04>	0	1			Customs number of exporter
<BANR05></BANR05>	0	1			Customs number of exporter
<BANR06></BANR06>	0	1			Customs number of exporter
<BANR07></BANR07>	0	1			Customs number of exporter
<BANR08></BANR08>	0	1			Customs number of exporter
<BANR09></BANR09>	0	1			FT-EDI: Declarations to the authorities: ID no.
<BANR10></BANR10>	0	1			FT-EDI: Declarations to the authorities - ID no
<WZOCU></WZOCU>	0	1			Currency of customs values for import prog in foreign trade
<EXPVZTX></EXPVZTX>	0	1			Description
<ZOLLATX></ZOLLATX>	0	1			Description
<ZOLLBTX></ZOLLBTX>	0	1			Description
<STGBETX></STGBETX>	0	1			Country name
<STABETX></STABETX>	0	1			Country name
<FREIHTX></FREIHTX>	0	1			Description
<LADEL></LADEL>	0	1			Place of loading/unloading for foreign trade
<TEXT1></TEXT1>	0	1			Comments: Text for foreign trade processing
<TEXT2></TEXT2>	0	1			Comments: Text for foreign trade processing
<TEXT3></TEXT3>	0	1			Comments: Text for foreign trade processing
<GBNUM></GBNUM>	0	1			Foreign Trade: Customs declaration list no
<REGNR></REGNR>	0	1			Registration number for import processing in foreign trade
<AUSFU></AUSFU>	0	1			Exporter for import processing in foreign trade
<IEVER_TX></IEVER_TX>	0	1			Description
<LAZL1></LAZL1>	0	1			Customs office: Country of customs office for foreign trade
<LAZL2></LAZL2>	0	1			Customs office: Country of customs office for foreign trade
<LAZL3></LAZL3>	0	1			Customs office: Country of customs office for foreign trade
<LAZL4></LAZL4>	0	1			Customs office: Country of customs office for foreign trade
<LAZL5></LAZL5>	0	1			Customs office: Country of customs office for foreign trade
<LAZL6></LAZL6>	0	1			Customs office: Country of customs office for foreign trade
<AZOLL></AZOLL>	0	1			Customs office: Export customs office for foreign trade
<AZOLLTX></AZOLLTX>	0	1			Description
<BFMAR></BFMAR>	0	1			Foreign Trade: Type of means of transport
<FTVBD></FTVBD>	0	1			Association Indicator for Foreign Trade
<CUDCL></CUDCL>	0	1			Customs declaration type for customs processing in FT
<FTUPD></FTUPD>	0	1			Data service update indicator - Foreign Trade
</E1EDK29>					

tag	min	max	O/M	content/example	description
<b>&lt;E1EDKT1 Segment =1&gt;</b>	0	99	O		<b>E1EDKT1: Document Header Text Identification</b>
<TDID></TDID>	0	1	M	007 = general information	Text ID
<TSSPRAS></TSSPRAS>	0	1			Language key
<TSSPRAS_ISO></TSSPRAS_ISO>	0	1		FR = French EN = English ...(all other ISO-Codes)	Language according to ISO 639
<TDOBJECT></TDOBJECT>	0	1			Texts: application object
<TDOBNAME></TDOBNAME>	0	1			Name
<b>&lt;E1EDKT2 Segment=1&gt;</b>	0	99	M		<b>E1EDKT2: Document Header Texts</b>
<TDLINE></TDLINE>	0	1	M	your text	Text line
<TDFORMAT></TDFORMAT>	0	1	O		Tag column
<b>&lt;/E1EDKT1&gt;</b>					
<b>&lt;E1EDK14 Segment=1&gt;</b>	0	10	O		<b>E1EDK14: Document Header Organizational Data</b>
<QUALF></QUALF>	0	1			Qualifier organization
<ORGID></ORGID>	0	1			Organization
<b>&lt;/E1EDK14&gt;</b>					
<b>&lt;E1EDP01 Segment=1&gt;</b>	1	-1	M		<b>E1EDP01: Document Item General Data</b>
<POSEX></POSEX>	1	1	M	line item number	Item number
<ACTION></ACTION>	0	1			Action code for the item
<PSTYP></PSTYP>	0	1			Item Category
<KZABS></KZABS>	0	1			Flag: order acknowledgment required
<MENGE></MENGE>	1	1	M	quantity	Quantity
<MENE></MENE>	1	1	M	PCE = pieces ...(other ISO-Codes)	Unit of measure
<BMNG2></BMNG2>	0	1	O		Quantity in price unit
<PMENE></PMENE>	0	1	O		Price unit of measure
<ABFTZ></ABFTZ>	0	1			Agreed cumulative quantity
<VPREI></VPREI>	1	1	M	net price	Price (net)
<PEINH></PEINH>	1	1	O		Price unit
<NETWR></NETWR>	0	1			Item value (net)
<ANETW></ANETW>	0	1			Absolute net value of item
<SKFBP></SKFBP>	0	1			Amount qualifying for cash discount
<NTGEW></NTGEW>	0	1			Net weight
<GEWEI></GEWEI>	0	1			Weight unit
<EINKZ></EINKZ>	0	1			Flag: More than one schedule line for the item
<CURCY></CURCY>	0	1			Currency
<PREIS></PREIS>	0	1			Gross price
<MATKL></MATKL>	0	1			Material class
<UEPOS></UEPOS>	0	1			Higher-level item in BOM structures
<GRKOR></GRKOR>	0	1			Delivery group (items delivered together)
<EVERS></EVERS>	0	1			Shipping instructions
<BPUMN></BPUMN>	0	1			Denominator for conv
<BPUMZ></BPUMZ>	0	1			Numerator for conversion of order price unit into order unit
<ABGRU></ABGRU>	0	1			Reason for rejection of quotations and sales orders
<ABGRT></ABGRT>	0	1			Description
<ANTLF></ANTLF>	0	1			Maximum number of partial deliveries allowed per item
<FIXMG></FIXMG>	0	1			Delivery date and quantity fixed
<KZAZU></KZAZU>	0	1			Order combination indicator
<BRGEW></BRGEW>	0	1			Total weight
<PSTYV></PSTYV>	0	1			Sales document item category
<EMPST></EMPST>	0	1			Receiving point
<ABTNR></ABTNR>	0	1			Department number
<ABRVW></ABRVW>	0	1			Usage indicator
<WERKS></WERKS>	0	1			Plant
<LPRIO></LPRIO>	0	1			Delivery priority
<LPRIO_BEZ></LPRIO_BEZ>	0	1			Description
<ROUTE></ROUTE>	0	1			Route
<ROUTE_BEZ></ROUTE_BEZ>	0	1			Description
<LGORT></LGORT>	0	1			Storage location
<VSTEL></VSTEL>	0	1			Shipping point/receiving point
<DELCO></DELCO>	0	1			Agreed delivery time
<MATNR></MATNR>	0	1			Material ID
<VALTG></VALTG>	0	1			Additional value days
<HIPOS></HIPOS>	0	1			Superior item in an item hierarchy
<HIEVW></HIEVW>	0	1			Use of Hierarchy Item
<POSGUID></POSGUID>	0	1			ATP: Encryption of DELNR and DELPS

tag	min	max	O/M	content/example	description
<b>&lt;E1EDP02 Segment=1&gt;</b>	1	25	M		<b>E1EDP02: Document Item Reference Data</b>
<QUALF></QUALF>	1	1	M	001 = order number 002 = vendor order 016 = delivery note	Qualifier reference document
<BELNR></BELNR>	1	1	M	document number	Document number
<ZEILE></ZEILE>	1	1	M	line item of document	Item number
<DATUM></DATUM>	0	1	O	document date	Date
<UZEIT></UZEIT>	0	1			Time
<BSARK></BSARK>	0	1			Organisation
<IHREZ></IHREZ>	0	1			Your reference (Partner)
<b>&lt;/E1EDP02&gt;</b>					
<b>&lt;E1EDP03 Segment=1&gt;</b>	0	25	O		<b>E1EDP03: Document Item Date Segment</b>
<IDDAT></IDDAT>	0	1			Qualifier for IDOC date segment
<DATUM></DATUM>	0	1			Date
<UZEIT></UZEIT>	0	1			Time
<b>&lt;/E1EDP03&gt;</b>					
<b>&lt;E1EDP19 Segment=1&gt;</b>	1	10	M		<b>E1EDP19: Document Item Object Identification</b>
<QUALF></QUALF>	1	1	M	001 = customer material 002 = vendor material	Object identification such as material no.,customer
<IDTNR></IDTNR>	1	1	M	material number	Material ID
<KTEXT></KTEXT>	0	1	O	material description	Short text
<MFRPN></MFRPN>	0	1			Manufacturer part number
<MFRNR></MFRNR>	0	1			Manufacturer number
<b>&lt;/E1EDP19&gt;</b>					
<b>&lt;E1EDP26 Segment=1&gt;</b>	1	20	O		<b>E1EDP26: Document Item Amount Segment</b>
<QUALF></QUALF>	1	1			Qualifier amount
<BETRG></BETRG>	1	1			total value
<b>&lt;/E1EDP26&gt;</b>					
<b>&lt;E1EDPA1 Segment=1&gt;</b>	0	20	O		<b>E1EDPA1: Doc.item partner information</b>
<PARVW></PARVW>	0	1			Partner function (e.g
<PARTN></PARTN>	0	1			Partner number
<LIFNR></LIFNR>	0	1			Vendor number at customer location
<NAME1></NAME1>	0	1			Name 1
<NAME2></NAME2>	0	1			Name 2
<NAME3></NAME3>	0	1			Name 3
<NAME4></NAME4>	0	1			Name 4
<STRAS></STRAS>	0	1			Street and house number 1
<STRS2></STRS2>	0	1			Street and house number 2
<PFACH></PFACH>	0	1			P.O
<ORT01></ORT01>	0	1			City
<COUNC></COUNC>	0	1			County code
<PSTLZ></PSTLZ>	0	1			Postal code
<PSTL2></PSTL2>	0	1			P.O
<LAND1></LAND1>	0	1			Country key
<ABLAD></ABLAD>	0	1			Unloading point
<PERNR></PERNR>	0	1			Contact person's personnel number
<PARNR></PARNR>	0	1			Contact person's number (not personnel number)
<TELF1></TELF1>	0	1			1st telephone number of contact person
<TELF2></TELF2>	0	1			2nd telephone number of contact person
<TELBX></TELBX>	0	1			Telebox number
<TELFX></TELFX>	0	1			Fax number
<TELTX></TELTX>	0	1			Teletex number
<TELX1></TELX1>	0	1			Telex number
<SPRAS></SPRAS>	0	1			Language key
<ANRED></ANRED>	0	1			FormOfAddr
<ORT02></ORT02>	0	1			District
<HAUSN></HAUSN>	0	1			House number
<STOCK></STOCK>	0	1			Floor
<REGIO></REGIO>	0	1			Region
<PARGE></PARGE>	0	1			Partner's gender
<ISOAL></ISOAL>	0	1			Country ISO code
<ISONU></ISONU>	0	1			Country ISO code
<FCODE></FCODE>	0	1			Company key (France)
<IHREZ></IHREZ>	0	1			Your reference (Partner)
<BNAME></BNAME>	0	1			User name
<PAORG></PAORG>	0	1			Organization code
<ORGTX></ORGTX>	0	1			Organization code text
<PAGRU></PAGRU>	0	1			Group code
<KNREF></KNREF>	0	1			Customer description of partner (plant, storage location)
<ILNNR></ILNNR>	0	1			Character field, length 70
<PFORT></PFORT>	0	1			PO Box city
<SPRAS_ISO></SPRAS_ISO>	0	1			Language according to ISO 639
<TITLE></TITLE>	0	1			Title
<b>&lt;/E1EDPA1&gt;</b>					



tag	min	max	O/M	content/example	description
<b>&lt;E1EDP05 Segment=1&gt;</b>	0	99	O		<b>E1ÉDP05: Document Item Conditions</b>
<ALCKZ></ALCKZ>	0	1	M	+/-	Surcharge or discount indicator
<KSCHL></KSCHL>	0	1	M	ZPRM = discount	Condition type (coded)
<KOTXT></KOTXT>	0	1			Condition text
<BETRG></BETRG>	0	1			Fixed surcharge/discount on total gross
<KPERC></KPERC>	0	1	M	discount percentage	Condition percentage rate
<KRATE></KRATE>	0	1			Condition record per unit
<UPRBS></UPRBS>	0	1			Price unit
<MEAUN></MEAUN>	0	1			Unit of measurement
<KOBTR></KOBTR>	0	1			IDoc condition end amount
<MENGE></MENGE>	0	1			Price scale quantity (SPEC2000)
<PREIS></PREIS>	0	1			Price by unit of measure (SPEC2000)
<MWSKZ></MWSKZ>	0	1			VAT indicator
<MSATZ></MSATZ>	0	1			VAT rate
<KOEIN></KOEIN>	0	1			Currency
<CURTP></CURTP>	0	1			Currency type and valuation view
<KOBAS></KOBAS>	0	1			Base value to which condition refers
<b>&lt;/E1EDP05&gt;</b>					
<b>&lt;E1EDP04 Segment=1&gt;</b>	1	25	M		<b>E1EDP04: Document Item Taxes</b>
<MWSKZ></MWSKZ>	0	1			VAT indicator
<MSATZ></MSATZ>	1	1	M	VAT rate	VAT rate
<MWSBT></MWSBT>	0	1			Value added tax amount
<TXJCD></TXJCD>	0	1			Jurisdiction for tax calculation - tax jurisdiction code
<KTEXT></KTEXT>	0	1			Text Field
<b>&lt;/E1EDP04&gt;</b>					

tag	min	max	O/M	content/example	description
<E1EDP28 Segment=1>	0	9	O		<b>E1EDP28: Document Item - General Foreign Trade Data</b>
<EXNUM></EXNUM>	0	1			Number of foreign trade data in MM and SD documents
<EXPOS></EXPOS>	0	1			Internal item number for foreign trade data in MM and SD
<STAWN></STAWN>	0	1			Commodity code / Import code number for foreign trade
<EXPRF></EXPRF>	0	1			Export/Import procedure for foreign trade (5 digits)
<EXART></EXART>	0	1			Business Transaction Type for Foreign Trade
<HERKL></HERKL>	0	1			Country of origin of the material
<HERKR></HERKR>	0	1			Region of origin of material (non-preferential origin)
<HERTA></HERTA>	0	1			Alternative country key for country of origin
<HERTI></HERTI>	0	1			Description of country of export/dispatch
<STXT1></STXT1>	0	1			Description of commodity code - First line
<STXT2></STXT2>	0	1			Description of commodity code - Second line
<STXT3></STXT3>	0	1			Description of commodity code - Third line
<STXT4></STXT4>	0	1			Description of commodity code - Fourth line
<STXT5></STXT5>	0	1			Description of commodity code - Fifth line
<STXT6></STXT6>	0	1			Description of commodity code - Sixth line
<STXT7></STXT7>	0	1			Description of commodity code - Seventh line
<BEMAS></BEMAS>	0	1			Supplementary unit
<PREFE></PREFE>	0	1			Preference indicator in export/import
<BOLNR></BOLNR>	0	1			Bill of lading
<TRATY></TRATY>	0	1			Transport Type
<TRAID></TRAID>	0	1			Transport Reference ID
<BRULO></BRULO>	0	1			Total weight
<NETLO></NETLO>	0	1			Net weight
<VEMEH></VEMEH>	0	1			Base Unit of Measure of the Quantity to be Packed (VEMNG)
<HERBL></HERBL>	0	1			State of manufacture
<BMGEW></BMGEW>	0	1			Net weight
<TEXT1></TEXT1>	0	1			Comments: Text for foreign trade processing
<TEXT2></TEXT2>	0	1			Comments: Text for foreign trade processing
<TEXT3></TEXT3>	0	1			Comments: Text for foreign trade processing
<COIMP></COIMP>	0	1			Code number for import processing in foreign trade
<COADI></COADI>	0	1			Anti-dumping code for import processing in foreign trade
<COKON></COKON>	0	1			Customs quota code for import processing in foreign trade
<COPHA></COPHA>	0	1			Pharmaceutical products code (Foreign Trade)
<CASNR></CASNR>	0	1			CAS number for pharmaceutical products in foreign trade
<VERLD></VERLD>	0	1			Country of dispatch for Foreign Trade
<VERLD_TX></VERLD_TX>	0	1			Country name
<HANLD></HANLD>	0	1			Trading country for foreign trade
<HANLD_TX></HANLD_TX>	0	1			Country name
<EXPRF_TX></EXPRF_TX>	0	1			Description
<EXART_TX></EXART_TX>	0	1			Description
<GBNUM></GBNUM>	0	1			Foreign Trade: Customs declaration list no
<REGNR></REGNR>	0	1			Registration number for import processing in foreign trade
<HERSE></HERSE>	0	1			Manufacturer number for import processing in foreign trade
<HERKR_TX></HERKR_TX>	0	1			Description
<COBLD></COBLD>	0	1			Import code no
<EIOKA></EIOKA>	0	1			EDI: Export/Import customs tariff number for foreign trade
<VERFA></VERFA>	0	1			Export/import procedure for foreign trade
<PRENC></PRENC>	0	1			Exemption certificate: Indicator for legal control
<PRENO></PRENO>	0	1			Exemption certificate number for legal control
<PREND></PREND>	0	1			Exemption certificate: Issue date of exemption certificate
<BESMA></BESMA>	0	1			Supplementary unit
<IMPMA></IMPMA>	0	1			Second unit of measurement
<KTNUM></KTNUM>	0	1			Quota or Ceiling Number for Import Processing
<PLNUM></PLNUM>	0	1			Quota or Ceiling Number for Import Processing
<WKREG></WKREG>	0	1			Region in which plant is located
<IMGEW></IMGEW>	0	1			Net weight
</E1EDP28>					

tag	min	max	O/M	content/example	description
<b>&lt;E1EDP08 Segment=1&gt;</b>	0	-1	O		<b>E1EDP08: Package data individual</b>
<HLNUM></HLNUM>	0	1			Hierarchy number
<PARENT></PARENT>	0	1			Hierarchical parent ID
<LEVEL></LEVEL>	0	1			Pack/subpack level ID
<EXIDV></EXIDV>	0	1			External shipping unit ID
<VENUM></VENUM>	0	1			Internal Handling Unit Number
<VEMEH></VEMEH>	0	1			Base Unit of Measure of the Quantity to be Packed (VEMNG)
<PCKAR></PCKAR>	0	1			Packing type
<PCKNR></PCKNR>	0	1			Customer number of shipping unit
<ANZAR></ANZAR>	0	1			Number of products per shipping unit
<VBELN></VBELN>	0	1			Delivery
<POSNR></POSNR>	0	1			Delivery item
<BTGEW></BTGEW>	0	1			Total weight
<NTGEW></NTGEW>	0	1			Net weight
<TARAG></TARAG>	0	1			Tare weight of shipping unit
<GEWEI></GEWEI>	0	1			Weight unit
<BTVOL></BTVOL>	0	1			Total volume of shipping unit
<NTVOL></NTVOL>	0	1			Loading volume of shipping unit
<TAVOL></TAVOL>	0	1			Tare volume of shipping unit
<VOLEH></VOLEH>	0	1			Volume unit
<LAENG></LAENG>	0	1			Length
<BREIT></BREIT>	0	1			Width
<HOEHE></HOEHE>	0	1			Height
<MEABM></MEABM>	0	1			Unit for length/width/height
<MEINS></MEINS>	0	1			Base unit of measure
<VSTEL></VSTEL>	0	1			Shipping point
<LSTEL></LSTEL>	0	1			Loading point
<PKNRS></PKNRS>	0	1			Shipment number key for VDA/Odetette
<b>&lt;/E1EDP08&gt;</b>					
<b>&lt;E1EDPT1 Segment=1&gt;</b>	0	99	O		<b>E1EDPT1: Document Item Text Identification</b>
<TDID></TDID>	0	1	M	004 = line item text	Text ID
<TSSPRAS></TSSPRAS>	0	1			Language key
<TSSPRAS_ISO></TSSPRAS_ISO>	0	1	M	DE = German FR = French ...(other ISO-Codes)	Language according to ISO 639
<b>&lt;E1EDPT2 Segment=1&gt;</b>	0	999	M		<b>E1EDPT2: Document Item Texts</b>
<TDLINE></TDLINE>	0	1	M	text	Text line
<TDFORMAT></TDFORMAT>	0	1	O		Tag column
<b>&lt;/E1EDPT2&gt;</b>	0	1			
<b>&lt;/E1EDPT1&gt;</b>					
<b>&lt;/E1EDP01&gt;</b>					
<b>&lt;E1EDS01 Segment=1&gt;</b>	1	30	M		<b>E1EDS01: Summary segment general</b>
<SUMID></SUMID>	0	1	M	001 = number of line item 005 = Tax amount 010 = Document amount 011 = document amount (net) 012 = Total amount subject to payment discount	Qualifier for totals segment for shipping notification
<SUMME></SUMME>	0	1	M	amount	Total value of sum segment
<SUNIT></SUNIT>	0	1			Total value unit for totals segment in the shipping notif.
<WAERQ></WAERQ>	0	1	O	currency	Currency
<b>&lt;/E1EDS01&gt;</b>					
<b>&lt;/IDOC&gt;</b>					
<b>&lt;/INVOIC01&gt;</b>					