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Purchase order acknowledgments (IDoc)

Purchase orders allow companies to exchange data about requests to purchase goods and services with upstream and downstream supply chain trade partners without giving these trade partners access to their serialization system of record. These purchase orders can be used to request specific products and quantities from their Partners and confirm that partners have the requested product and quantities on hand and intend to fulfill the request via a purchase order acknowledgment.

Contact your TraceLink Services representative for more information about integrating with this message.

- **Message Type**: MPC_PURCHASE_ORDER_ACK (Purchase Order Acknowledgment)
- **IDoc Format**: ORDRSP.ORDERS05
- **Transform Names**:
  - B2B_IDoc_ORDERS05_PurchaseOrderAcknowledgment_IB_V6
  - B2B_IDoc_ORDERS05_PurchaseOrderAcknowledgment_OB_V5

Guidelines

Input Element	Occurs	Length	Description	Example
ORDERS05	1...1	-	**Required.** XML IDoc ORDERS05 root element.	-
IDOC	1...1	-	**Required.**	-
@BEGIN	1...1	0/*	**Required.** Begin of message attribute.	1
EDI_DC40	1...1	-	**Required.** IDoc Control record.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
TABNAM	1...1	0/*	**Required.** IDoc table name.	EDI_DC40
MANDT	1...1	0/3	**Required.** Client.	300
DOCNUM	0...1	0/16	**Required.** IDoc control number mapping to fileControlNumber.	0000000134206118

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Input Element	Occurs	Length	Description	Example
DOCREL	0...1	0/4	IDoc version release number.	720
STATUS	0...1	0/2	Current IDoc processing status.	30
DIRECT	0...1	0/*	Direction.	1
OUTMOD	0...1	0/1	Output mode.	2
EXPRSS	0...1	0/1	Overriding in inbound processing.	-
TEST	0...1	0/1	Test flag.	-
CIMTYP	0...1	0/30	Name of extension type.	-
IDOCTYP	1...1	0/*	**Required.** IDoc basic type.	ORDERS05
MESTYP	1...1	0/*	**Required.** Logical message type.	ORDRSP
MESCOD	0...1	0/3	Logical message code.	-
MESFCT	0...1	0/3	Logical message function.	-
STD	0...1	0/1	EDI standard.	X
STDVRS	0...1	0/6	Version of EDI standard.	005010
STDMES	0...1	0/6	EDI message type.	850
SNDPOR	1...1	1/10	**Required.** Sender port.	SAPERP
SNDPRT	1...1	1/2	**Required.** Partner type of sender.	LS
SNDPFC	0...1	0/2	Partner function of sender.	-
SNDPRN	1...1	1/10	**Required.** Partner number of sender.	ERPCLNT300
SNDSAD	0...1	0/21	Sender address (SADR).	-
SNDLAD	1...1	1/70	**Required.** Logical address of sender. Identifies the IDoc sender for the TraceLink system. Must match the primary identifier value that the sender has configured for themselves in TraceLink master data. If no party type is sent, TraceLink assumes that the value is the internal party identifier in the sender's SAP system. Sender can also use a GLN, DUNS or any other party type standard listed in code list CL_LocationIdentifierType. If sender identifier is a GLN or any other identifier type in code list CL_LocationIdentifierType, the party type must be included in the SNDLAD value separated from the identifier with a colon (:) character, for example: GLN:0012345678910 **Valid Values** • `AM_TIN` – Armenia Taxpayer Identification Number. • `AR_CUIT` – Argentina Tax ID. • `BR_CNES` – Brazil National Registry of Health Facilities Number. • `BR_CNPJ` – Brazil Tax or Legal Entity ID. • `BR_CPF` – Brazil Individual Taxpayer Registration Number. • `BR_PROF_REG` – Brazil Professional Registration Number. • `BY_TIN` – Belarus Taxpayer Identification Number. • `CN_CHINA_ID` – China identifier (alphanumeric). • `CN_FOREIGN_MAH` – China Foreign MAH ID. • `CN_FOREIGN_MFR` – China Foreign Manufacturer ID. • `CN_USCID` – China Unified Social Credit Identifier. • `DE_IFA_REG_NUM` – Informationsstelle für Arzneispezialitäten (IFA) Registration Number. • `DEA` – US Drug Enforcement Agency Number. • `DUNS` – Dunn and Bradstreet Number. • `DUNS4` – Dunn and Bradstreet Number with 4 digit extension. • `GCP` – GS1 Global Company Prefix. • `GLN` – Global Location Number. • `HIN` – Health Industry Number assigned by HIBCC. • `ID_BPOM_FACILITYID` – Indonesia BPOM facility Identifier. • `IN_COMPANY_ID` – India Company ID. • `IN_GSTN` – India Goods and Services Tax ID. • `IN_IEC` – India Importer Exporter Code. • `IN_LOCATION_ID` – India Location ID. • `IN_MFR` – India Manufacturing Code. • `IN_MRCH` – India Merchant Exporter Code. • `IN_PAN` – India Permanent Account Number. • `IN_TIN` – India Taxpayer Identification Number. • `KG_TIN` – Kyrgyzstan Taxpayer Identification Number. • `KR_BUS_REG_NUMBER` – South Korea Corporate Registration Number. • `KR_PROVIDER_CODE` – South Korea Provider Code. • `KZ_BIN` – Kazakhstan Business Identification Number. • `RU_ACCOUNT_NUMBER` – Russia Account Number. • `RU_INN_FOREIGN_ENTITY` – Russia Foreign Business Taxpayer Identification Number. • `RU_INN_INDIV` – Russia Individual Taxpayer Identification Number. • `RU_INN_KPP_TAX_CODE` – Russia KPP Registration Code. • `RU_INN_LOCAL_ENTITY` – Russia Local Business Taxpayer Identification Number. • `SGLN` – SGLN format representation of Global Location Number. • `TRACELINK_ID` – TraceLink Identification Number. • `UZ_TIN` – Uzbekistan Taxpayer Identification Number	0010136941923
RCVPOR	1...1	1/10	**Required.** SAP receiver port.	TRACELINK
RCVPRT	1...1	1/2	**Required.** Partner type of receiver.	LS
RCVPFC	0...1	0/2	Partner function of receiver.	LS
RCVPRN	1...1	1/10	**Required.** Partner number of receiver.	TRACELINK
RCVSAD	0...1	0/21	Receiver address (SADR).	-
RCVLAD	1...1	1/70	**Required.** Logical address of receiver. Required for TraceLink. Identifies the IDoc receiver for the TraceLink system. Must match the primary identifier value that the sender has configured for their receiver in TraceLink master data. If no party type is sent, TraceLink assumes that the value is a party identifier for the receiver in the sender's SAP system. Sender can also use a GLN, DUNS or any other party type standard listed in code list CL_LocationIdentifierType. If the receiver identifier is a GLN or any other identifier type in code list CL_LocationIdentifierType, the type must be included in the RCVLAD value separated from the identifier with a colon (:) character, for example: GLN:0012345678910 **Valid Values** • `AM_TIN` – Armenia Taxpayer Identification Number. • `AR_CUIT` – Argentina Tax ID. • `BR_CNES` – Brazil National Registry of Health Facilities Number. • `BR_CNPJ` – Brazil Tax or Legal Entity ID. • `BR_CPF` – Brazil Individual Taxpayer Registration Number. • `BR_PROF_REG` – Brazil Professional Registration Number. • `BY_TIN` – Belarus Taxpayer Identification Number. • `CN_CHINA_ID` – China identifier (alphanumeric). • `CN_FOREIGN_MAH` – China Foreign MAH ID. • `CN_FOREIGN_MFR` – China Foreign Manufacturer ID. • `CN_USCID` – China Unified Social Credit Identifier. • `DE_IFA_REG_NUM` – Informationsstelle für Arzneispezialitäten (IFA) Registration Number. • `DEA` – US Drug Enforcement Agency Number. • `DUNS` – Dunn and Bradstreet Number. • `DUNS4` – Dunn and Bradstreet Number with 4 digit extension. • `GCP` – GS1 Global Company Prefix. • `GLN` – Global Location Number. • `HIN` – Health Industry Number assigned by HIBCC. • `ID_BPOM_FACILITYID` – Indonesia BPOM facility Identifier. • `IN_COMPANY_ID` – India Company ID. • `IN_GSTN` – India Goods and Services Tax ID. • `IN_IEC` – India Importer Exporter Code. • `IN_LOCATION_ID` – India Location ID. • `IN_MFR` – India Manufacturing Code. • `IN_MRCH` – India Merchant Exporter Code. • `IN_PAN` – India Permanent Account Number. • `IN_TIN` – India Taxpayer Identification Number. • `KG_TIN` – Kyrgyzstan Taxpayer Identification Number. • `KR_BUS_REG_NUMBER` – South Korea Corporate Registration Number. • `KR_PROVIDER_CODE` – South Korea Provider Code. • `KZ_BIN` – Kazakhstan Business Identification Number. • `RU_ACCOUNT_NUMBER` – Russia Account Number. • `RU_INN_FOREIGN_ENTITY` – Russia Foreign Business Taxpayer Identification Number. • `RU_INN_INDIV` – Russia Individual Taxpayer Identification Number. • `RU_INN_KPP_TAX_CODE` – Russia KPP Registration Code. • `RU_INN_LOCAL_ENTITY` – Russia Local Business Taxpayer Identification Number. • `SGLN` – SGLN format representation of Global Location Number. • `TRACELINK_ID` – TraceLink Identification Number. • `UZ_TIN` – Uzbekistan Taxpayer Identification Number	0030135941894
CREDAT	0...1	0/8	**Required.** Date IDoc was created.	20110118
CRETIM	0...1	0/6	**Required.** Time IDoc was created.	161010
REFINT	0...1	0/14	Reference to interchange file.	-
REFGRP	0...1	0/14	Reference to message group.	-
REFMES	0...1	0/14	Reference to message.	-
ARCKEY	0...1	0/70	EDI archive key.	-
SERIAL	0...1	0/20	EDI/ALE: Serialization field.	-
E1EDK01	1...1	-	**Required.** Header Record.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
ACTION	0...1	1/3	Action code for the whole EDI message. Valid values: • `000` – No particular action required • `001` – Reverse entire document • `002` – Changes in document header	000
KZABS	0...1	0/1	Flag: order acknowledgment required. Valid values: • X – true • Missing or not populated – false	-

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Input Element	Occurs	Length	Description	Example
CURCY	0...1	0/3	Currency. **Valid values** • ADP – Andoran peseta • AED – United Arab Emirates Dirham • AFN – Afghani • ALL – Albanian Lek • AMD – Armenian Dram • ANG – West Indian Guilder • AOA – Angolan Kwanza • AON – Angolan New Kwanza • AOR – Angolan Kwanza Reajustado • ARA – Argentinian Austral • ARS – Argentinian pesos • ATS – Austrian Schilling • AUD – Australian Dollar • AWG – Aruban Guilder • AZM – Azerbaijan Manat • BAD – Bosnia-Herzogovinian Dinar • BAM – Bosnia and Herzegovina Convertible Mark • BBD – Barbados Dollar • BDT – Bangladesh Taka • BEF – Belgian Franc • BGL – Bulgarian Lev • BGN – Bulgarian Lev • BHD – Bahrain Dinar • BIF – Burundi Franc • BMD – Bermudan Dollar • BND – Brunei Dollar • BOB – Bolivian peso • BRC – Brazilian Real • BRL – Brazilian Real • BSD – Bahaman Dollar • BTN – Bhutan Ngultrum • BWP – Botswana Pula • BYB – Belorussian Ruble • BYR – Belorussian Ruble • BZD – Belize Dollar • CAD – Canadian Dollar • CDF – Congolese franc • CHF – Swiss Franc • CLP – Chilean Peso • CNY – Chinese Renminbi Yuan • CNY – Chinese Renminbi Yuan • COP – Columbian Peso • CRC – Costa Rica Colon • CUP – Cuban Peso • CVE – Cape Verde Escudo • CYP – Cyprus Pound • CZK – Czech Krona • DEM – German Mark • DJF – Djibouti Franc • DKK – Danish Krone • DOP – Dominican Peso • DZD – Algerian Dinar • ECS – Ecuador Sucre • EEK – Estonian Krone • EGP – Egyptian Pound • ERN – Eritrean Nafka • ESP – Spanish Peseta • ETB – Ethiopian Birr • EUR – Euro (EMU currency as of 01/01/1999) • FIM – Finnish Mark • FJD – Fiji Dollar • FKP – Falkland Pound • FRF – French Franc • GBP – British Pound • GEK – Georgian Kupon • GEL – Georgian Lari • GHC – Ghanian Cedi • GIP – Gibraltar Pound • GMD – Gambian Dalasi • GNF – Guinea Franc • GRD – Greek Drachma • GTQ – Guatemalan Quetzal • GWP – Guinea Peso • GYD – Guyanese Dollar • HKD – Hong Kong Dollar • HNL – Honduran Lempira • HRK – Croatian Kuna • HTG – Haitian Gourde • HUF – Hungarian Forint • IDR – Indonesian Rupiah • IEP – Irish Pound • IGP – American Dollar • ILS – Israeli Scheckel • INR – Indian Rupee • IQD – Iraqui Dinar • IRR – Iranian Rial • ISK – Iceland Krona • ITL – Italian Lira • JMD – Jamaican Dollar • JOD – Jordanian Dinar • JPY – Japanese Yen • KES – Kenyan Shilling • KGS – Kyrgyzstan Som • KHR – Cambodian Riel • KIS – Kirghizstan Som • KMF – Comoros Franc • KPW – North Korean Won • KRW – South Korean Won • KWD – Kuwaiti Dinar • KYD – Cayman Dollar • KZT – Kazakhstani Tenge • LAK – Laotian Kip • LBP – Lebanese Pound • LKR – Sri Lankan Rupee • LRD – Liberian Dollar • LSL – Lesotho Loti • LTL – Lithuanian Lita • LUF – Luxembourgian Franc • LVL – Latvian Lat • LYD – Libyan Dinar • MAD – Moroccan Dirham • MDL – Moldavian Lei • MGF – Madagascan Franc • MKD – Macedonian Denar • MMK – Myanmar Kyat • MNT – Mongolian Tugrik • MOP – Macao Pataca • MRO – Mauritanian Ouguiya • MTL – Maltese Lira • MUR – Mauritian Rupee • MVR – Maldive Ruffiyaa • MWK – Malawi Kwacha • MXN – Mexican Peso • MXP – Mexican Peso (old) • MYR – Malaysian Ringgit • MZM – Mozambique Metical • NAD – Namibian Dollar • NGN – Nigerian Naira • NIC – Nicaraguan Cordoba • NIO – Nicaraguan Cordoba Oro • NLG – Dutch Guilder • NOK – Norwegian Krone • NPR – Nepalese Rupee • NZD – New Zealand Dollars • OMR – Omani Rial • PAB – Panamanian Balboa • PEI – Peruvian Inti • PEN – Peruvian New Sol • PGK – Papua New Guinea Kina • PHP – Philippino Peso • PKR – Pakistani Rupee • PLN – Polish Zloty (new) • PLZ – Polish Zloty • PTE – Portuguese Escudo • PYG – Paraguayan Guarani • QAR – Qatar Riyal • ROL – Roumanian Lei • RON – Roumanian Lei - 2005 • RUB – Russian Rouble (old) • RUR – Russian Rubel • RWF – Rwanda Franc • SAR – Saudi Riyal • SBD – Solomon Islands Dollar • SCR – Seychelles Rupee • SDP – Sudanese Pound • SEK – Swedish Krona • SGD – Singapore Dollar • SHP – St.Helena Pound • SIT – Slovenian Tolar • SKK – Slovakian Krona • SLL – Leone • SOS – Somalian Shilling • SRG – Surinam Guilder • STD – Sao Tome / Principe Dobra • SUR – Russian Ruble (old) • SVC – El Salvador Colon • SYP – Syrian Pound • SZL – Swaziland Lilangeni • THB – Thailand Bhat • TJR – Tajikistani Ruble • TJS – Tajikistani Somoni • TMM – Turkmenistani Manat • TND – Tunisian Dinar • TOP – Tongan Pa'anga • TPE – Timor Escudo • TRL – Turkish Lira • TTD – Trinidad and Tobago Dollar • TWD – New Taiwan Dollar • TZS – Tanzanian Shilling • UAH – Ukraine Hryvnia • UAK – Ukrainian Karbowanez • UGS – Ugandan Shilling • UGX – Ugandan Shilling • UNI – Universal Currency • USD – American Dollar • UYP – Uruguayan New Peso • UYU – Uruguayan Peso (new) • UZS – Uzbekistan Sum • VEB – Venezuelan Bolivar • VND – Vietnamese Dong • VUV – Vanuatu Vatu • WST – Samoan Tala • XAF – Gabon C.f.A Franc • XCD – East Carribean Dollar • XOF – Benin C.f.A. Franc • XPF – French Franc (Pacific Islands) • XPF – CFP Franc • YER – Yemeni Ryal • YUM – New Yugoslavian Dinar • ZAR – South African Rand • ZMK – Zambian Kwacha • ZRN – Zairean new zaire • ZRZ – Zairean zaire • ZWD – Zimbabwean Dollar	USD

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Input Element	Occurs	Length	Description	Example
WKURS	0...1	0/12	Exchange rate.	-
BSART	0...1	0/4	Document type.	ZNB
BELNR	0...1	1/35	Purchase Order Number.	8196733288
E1EDK14	0...12	-	Organization or Sales Document Data	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute	1
QUALF	0...1	1/3	IDOC qualifer organization Valid values: • `006` - Division • `007` - Distribution Channel • `008` - Sales Organization • `009` - Purchasing Group: OB from customer system • `010` - Sales Group • `011` - Company Code • `014` - Purchasing Organization • `016` - Sales office	014
ORGID	0...1	1/35	IDOC organization	CH40
E1EDK03	0...10	-	Document or Milestone Dates and Times.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
IDDAT	1...1	1/3	**Required.** Qualifier for IDoc date segment. Valid values: • `001` - Supplier Delivery Date • `002` - Requested Delivery Date • `011` - Idoc/Message Date • `012` - Document Date • `022` - Purchase Order Date • `023` - Pricing Date	012
DATUM	1...1	1/8	**Required.** IDOC: Date.	20110117
UZEIT	0...1	0/6	IDOC: Time.	-
E1EDKA1	1...99	-	**Required.** Partner information instance of E1EDKA1, where valid values of PARVW: • AG - Sold-to customer • LF - Supplier • WE - Ship-to customer • SP - Carrier SAP always sends its own internal party identifiers in PARTN or LIFNR. It can send a GLN but it must be set up in master data. The GLN would appear in field E1EDKA1-ILNNR.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
PARVW	1...1	1/3	**Required.** Partner type identifier. Valid values: • AG - Sold-to customer partner qualifier. • LF - Supplier partner. • WE - Ship-to partner qualifier. • SP - Transportation carrier partner qualifier.	AG
PARTN	0...1	1/17	**Conditionally required if LIFNR is not present.** Sold-to customer number.	0001013694
LIFNR	0...1	1/17	**Conditionally required if PARTN is not present.** Alternate partner number.	-
NAME1	0...1	0/35	Name 1.	Pharma1 Supplier
NAME2	0...1	0/35	Name 2.	-
STRAS	0...1	0/35	Street and house number 1.	230 Houston St.
STRS2	0...1	0/35	Street and house number 2.	-
ORT01	0...1	0/35	City.	Anytown
PSTLZ	0...1	0/9	Postal code.	97003
LAND1	0...1	0/*	Country key.	US
TELF1	0...1	0/25	Contact telephone number.	-
TELFX	0...1	0/25	Contact fax number.	-
SPRAS	0...1	0/1	Language key.	E
ANRED	0...1	0/1	Form of address.	-
HAUSN	0...1	0/15	House number.	-
REGIO	0...1	0/3	Region code.	CA
BNAME	0...1	0/35	IDoc user name.	-
PAORG	0...1	0/35	IDOC organization code.	-
ORGTX	0...1	0/30	IDoc organization code text.	-
PAGRU	0...1	0/35	IDoc group code.	-
ILNNR	0...1	0/70	International Location Number. Use to store GLN.	888888202867
SPRAS_ISO	0...1	0/2	ISO language code.	EN
TITLE	0...1	0/15	Title.	-
E1EDK02	0...10	-	Document data.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
QUALF	1...1	1/3	**Required.** Transaction identifier type. Purchase Order number is required. Valid values: • `001` - Customer Purchase Order. • `002` - Supplier sales order. • `003` - Customer inquiry. • `004` - Supplier quotation number. • `005` - Customer contract number. • `006` - Supplier contract number. • `010` - Message or document number.	001
BELNR	1...1	1/35	**Required.** Business document number.	8196733288
DATUM	0...1	0/8	Document date.	20110117
UZEIT	0...1	0/6	Document time.	-
E1EDK17	0...4	-	Delivery conditions.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute	1
QUALF	0...1	0/3	IDOC qualifer organization. Valid values: • `001` - INCOTERMS part 1 • `002` - INCOTERMS part 2	001
LKOND	0...1	0/3	Purchase Order delivery condition code.	FCA
LKTEXT	0...1	0/70	IDOC delivery condition text.	WHITBY
E1EDK18	0...3	-	Payment terms.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
QUALF	0...1	0/3	IDOC qualifer organization.	001
TAGE	0...1	0/8	IDOC Number of days.	14
PRZNT	0...1	0/8	Percentage for terms of payment.	3.00
ZTERM_TXT	0...1	0/70	Payment terms text.	-
E1EDKT1	0...99	-	Free-form Text Header.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
TDID	1...1	1/4	**Required.** Text ID.	All codes *
TSSPRAS	0...1	0/3	Language key.	E
TSSPRAS_ISO	0...1	0/2	Language according to ISO 639.	EN
TDOBJECT	0...1	0/10	Texts: application object.	VBBK
TDOBNAME	0...1	0/70	Name.	-
E1EDKT2	0...*	-	Free-form Text Records.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
TDLINE	1...1	1/70	**Required.** Text line.	49000 BETACH RIKVA
TDFORMAT	0...1	0/2	Tag column.	*
E1EDP01	1...*	-	**Required.** E1EDP01 total order quantities.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
POSEX	1...1	1/6	**Required.** Item number.	000010
ACTION	0...1	1/3	Purpose of purchase order, item level. Element may appear at header or item level or both. Tells receiving system function of purchase. Valid values: • `000` - No action required. • `001` - Item added. • `002` - Item changed. • `003` - Item canceled. • `005` - Item locked.	001
PSTYP	0...1	1/1	Item category.	3
KZABS	0...1	0/1	Flag: order acknowledgment required at line item level. Valid values: • `X` - true • `Missing or not populated` - false	-
MENGE	1...1	1/15	**Required.** Quantity.	25.000

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Input Element	Occurs	Length	Description	Example
MENEE	1...1	1/3	**Required.** Unit of measure. **Valid values** • 4G - Microliter • AM - Ampoule • AV - Capsule • BD - Bundle • BG - Bag • BO - Bottle • BX - Box • C3 - Centiliter • CA - Case • CC - Cubic Centimeter • CF - Cubic Feet • CG - Card, Blister • CI - Cubic Inches • CL - Cylinder • CM - Centimeter • CN - Can • CP - Crate • CQ - Cartridge • CR - Cubic Meters • CT - Carton • DA - Day • DI - Dispenser • DK - Kilometers • DL - Deciliter • DM - Decimeter • DR - Drum • DS - Display • DZ - Dozen • EA - Each • FO - Fluid Ounce • FT - Foot • GA - Gallon • GL - Gram/liter • GR - Gram • GS - Gross • H4 - Hectoliter • HF - Hundred Feet • HR - Hours • IN - Inch • KG - Kiloliters • KG - Kilogram • KT - Kit • LB - Pounds • LF - Linear Foot • LO - Lot (unit of procurement) • LT - Liter • LY - Linear Yard • MC - Microgram • ME - Milligram • ML - Milliliter • MM - Millimeter • MO - Months • MR - Meter • OZ - Ounces • PC - Piece • PF - Pallet • PK - Package • PR - Pair • PT - Pint • QT - Quart • RL - Roll • SC - Square Centimeter • SF - Square Foot • SH - Sheet • SI - Square Inch • SM - Square Meter • ST - Set • SY - Square Yard • T3 - Thousand Pieces • TB - Tube • TH - Thousand • TY - Tray • U2 - Tablet • UM - Million • UN - Unit • V2 - Pouch • VI - Vial • WK - Week • YD - Yard • YR - Years	PCE
BMNG2	0...1	0/15	Quantity in price unit.	25.000
PMENE	0...1	1/3	Price unit of measure. **Valid values** • 4G - Microliter • AM - Ampoule • AV - Capsule • BD - Bundle • BG - Bag • BO - Bottle • BX - Box • C3 - Centiliter • CA - Case • CC - Cubic Centimeter • CF - Cubic Feet • CG - Card, Blister • CI - Cubic Inches • CL - Cylinder • CM - Centimeter • CN - Can • CP - Crate • CQ - Cartridge • CR - Cubic Meters • CT - Carton • DA - Day • DI - Dispenser • DK - Kilometers • DL - Deciliter • DM - Decimeter • DR - Drum • DS - Display • DZ - Dozen • EA - Each • FO - Fluid Ounce • FT - Foot • GA - Gallon • GL - Gram/liter • GR - Gram • GS - Gross • H4 - Hectoliter • HF - Hundred Feet • HR - Hours • IN - Inch • KG - Kiloliters • KG - Kilogram • KT - Kit • LB - Pounds • LF - Linear Foot • LO - Lot (unit of procurement) • LT - Liter • LY - Linear Yard • MC - Microgram • ME - Milligram • ML - Milliliter • MM - Millimeter • MO - Months • MR - Meter • OZ - Ounces • PC - Piece • PF - Pallet • PK - Package • PR - Pair • PT - Pint • QT - Quart • RL - Roll • SC - Square Centimeter • SF - Square Foot • SH - Sheet • SI - Square Inch • SM - Square Meter • ST - Set • SY - Square Yard • T3 - Thousand Pieces • TB - Tube • TH - Thousand • TY - Tray • U2 - Tablet • UM - Million • UN - Unit • V2 - Pouch • VI - Vial • WK - Week • YD - Yard • YR - Years	PCE
VPREI	0...1	0/15	Price (net).	3560
PEINH	0...1	0/9	Price unit.	1
NETWR	0...1	0/18	Item value (net).	-
NTGEW	0...1	0/18	Net weight.	1000

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Input Element	Occurs	Length	Description	Example
GEWEI	0...1	1/3	Weight unit. **Valid values** • 4G – Microliter • AM – Ampoule • AV – Capsule • BD – Bundle • BG – Bag • BO – Bottle • BX – Box • C3 – Centiliter • CA – Case • CC – Cubic Centimeter • CF – Cubic Feet • CG – Card, Blister • CI – Cubic Inches • CL – Cylinder • CM – Centimeter • CN – Can • CP – Crate • CQ – Cartridge • CR – Cubic Meters • CT – Carton • DA – Day • DI – Dispenser • DK – Kilometers • DL – Deciliter • DM – Decimeter • DR – Drum • DS – Display • DZ – Dozen • EA – Each • FO – Fluid Ounce • FT – Foot • GA – Gallon • GL – Gramsliter • GR – Gram • GS – Gross • HA – Hectoliter • HF – Hundred Feet • HR – Hours • IN – Inch • KG – Kiloliters • KG – Kilogram • KT – Kit • LB – Pounds • LF – Linear Foot • LO – Lot (unit of procurement) • LT – Liter • LY – Linear Yard • MC – Microgram • ME – Milligram • ML – Milliliter • MM – Millimeter • MO – Months • MR – Meter • OZ – Ounces • PC – Piece • PF – Pallet • PK – Package • PR – Pair • PT – Pint • QT – Quart • RL – Roll • SC – Square Centimeter • SF – Square Foot • SH – Sheet • SI – Square Inch • SM – Square Meter • ST – Set • SY – Square Yard • T3 – Thousand Pieces • TB – Tube • TH – Thousand • TY – Tray • U2 – Tablet • UM – Million • UN – Unit • V2 – Pouch • VI – Vial • WK – Week • YD – Yard • YR – Years	UN
PREIS	0...1	0/18	Gross price.	-
CURCY	0...1	0/3	Currency.	USD
MATKL	0...1	0/9	IDOC material class.	ZNV
UEPOS	0...1	0/6	Higher-level item in BOM structures.	-
BPUMN	0...1	0/6	Denominator for Conv. of Order Price Unit into Order Unit.	1
BPUMZ	0...1	0/6	Numerator for Conversion of Order Price Unit into Order Unit.	1
ANTLF	0...1	0/1	Single-character flag.	-
BRGEW	0...1	0/18	Total weight for ordered item.	1100
WERKS	0...1	0/4	Plant.	CH01
LGORT	0...1	0/4	Storage location.	5001
E1EDP02	0...10	-	Document data at item level.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
QUALF	1...1	1/3	**Required.** Transaction identifier type. Purchase Order number is required. Valid values: • 001 – Customer Purchase Order. • 002 – Supplier sales order. • 003 – Customer inquiry. • 004 – Supplier quotation number. • 005 – Customer contract number. • 006 – Supplier contract number. • 010 – Message or document number.	001
BELNR	1...1	1/35	**Required.** Business document number	B9000238
ZEILE	0...1	0/6	Line item number.	000001
DATUM	0...1	0/8	Document date.	20110117
UZEIT	0...1	0/6	Document time.	-
E1EDP03	0...10	-	Document or Milestone Dates and times at item level.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
IDDAT	0...1	1/3	**Required.** Qualifier for IDOC date segment. Valid values: • 001 – Supplier Delivery Date • 002 – Requested Delivery Date • 011 – Idoc/Message Date • 012 – Document Date • 022 – Purchase Order Date • 023 – Pricing Date	002
DATUM	0...1	0/8	**Required.** IDOC: Date.	20110117
UZEIT	0...1	0/6	IDOC: Time.	-
E1EDP20	1...*	-	**Required.** Scheduled delivery dates and quantities.	-
@SEGMENT	1...1	1/1	**Required.** Begin of segment attribute.	1
WMENG	1...1	1/15	**Required.** Scheduled quantity.	25000.000
AMENG	0 ...1	0/15	Previous scheduled quantity.	0.000
EDATU	1...1	1/8	**Required.** IDOC: Date.	20110119
EZEIT	0...1	0/6	IDOC: Time.	-
E1EDPA1	0...8	-	Ship-to partner ID and address data at item level, if present in transaction. If ship-to partner is not present in header E1EDKA1, it can be sent at the item level in E1EDPA1.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
PARVW	0...1	0/3	**Required.** Partner type identifier. The valid value is WE – Ship-to partner qualifier.	WE
PARTN	0...1	0/17	**Conditionally required if LIFNR is not present.** Partner number.	-
LIFNR	0...1	0/17	**Conditionally required if PARTN is not present.** Ship-to partner number.	0001013699
NAME1	0...1	0/35	Name 1.	Pharma1 Pharma
NAME2	0...1	0/35	Name 2.	Warehouse
STRAS	0...1	0/35	Street and house number 1.	123 Victory Blvd
STRS2	0...1	0/35	Street and house number 2.	-
ORT01	0...1	0/35	City.	Newark
PSTLZ	0...1	0/9	Postal code.	07103
LAND1	0...1	0/*	Country key.	US
TELF1	0...1	0/25	Contact telephone number.	-
TELFX	0...1	0/25	Contact fax number.	-
SPRAS	0...1	0/1	Language key.	E
ANRED	0...1	0/15	FormOfAddr.	0003
HAUSN	0...1	0/6	House number.	123
REGIO	0...1	0/3	Region.	NJ
BNAME	0...1	0/35	IDoc user name.	-
PAORG	0...1	0/35	IDOC organization code.	-
ORGTX	0...1	0/30	IDoc organization code text.	-
PAGRU	0...1	0/35	IDoc group code.	-
ILNNR	0...1	0/70	International Location Number. Use to store GLN.	888888202867
SPRAS_ISO	0...1	0/2	ISO language code.	EN
TITLE	0...1	0/15	Title.	-
E1EDP19	1...5	-	**Required.** Material Identification Numbers.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
QUALF	1...1	1/5	**Required.** Customer material type qualifier. Valid values: • 001 – Customer material number • 002 – Vendor material Number • 003 – EAN/UPC Universal Item Number/GTIN • 004 – Manufacturer's product number	001
IDTNR	1...1	1/35	**Required.** Customer material number.	000000000000991182
KTEXT	0...1	0/70	Material description.	SORITOL SR FCT 20MG 3X10 IL
MFRPN	0...1	0/42	Manufacturer part number.	-
MFRNR	0...1	0/10	Manufacturer number.	-
E1EDPT1	0...*	-	Free-form Text Header at item level.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
TDID	1...1	1/4	**Required.** Text ID.	Z0C6
TSSPRAS	0...1	0/3	Language key.	E
TSSPRAS_ISO	0...1	0/2	Language according to ISO 639.	EN
E1EDPT2	0...*	-	Free-form Text Records at item level.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
TDLINE	1...1	1/70	**Required.** Text line.	AT LEAST 80% REMAINING SHELF LIFE
TDFORMAT	0...1	0/2	Tag column.	*
E1EDS01	0...5	-	IDoc Summary total quantities and amounts.	-
@SEGMENT	1...1	0/*	**Required.** Begin of segment attribute.	1
SUMID	0...1	1/3	Qualifier for totals segment for shipping notification. Valid values: • 001 – Number of Items • 002 – Net Document Value • 003 – Gross Document Value • 004 – Total of All Quantities	002
SUMME	0...1	0/18	Total value of sum segment.	89000
SUNIT	0...1	0/3	Total value unit for totals.	USD
WAERQ	0...1	0/3	Currency.	-

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Example

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<ORDERS05>
    <IDOC BEGIN="1">
        <EDI_DC40 SEGMENT="1">
            <TABNAM>EDI_DC40</TABNAM>
            <MANDT>010</MANDT>
            <DOCNUM>0000000120231218</DOCNUM>
            <DOCREL>740</DOCREL>
            <STATUS>03</STATUS>
            <DIRECT>1</DIRECT>
            <OUTMOD>2</OUTMOD>
            <IDOCTYP>ORDERS05</IDOCTYP>
            <MESTYP>ORDRSP</MESTYP>
            <SNDPOR>Alpenstock</SNDPOR>
            <SNDPRT>LS</SNDPRT>
            <SNDPRN>Alpenstock</SNDPRN>
            <SNDLAD>GLN:3520075644994</SNDLAD>
            <RCVPOR>MUNRO LTD</RCVPOR>
            <RCVPRT>LS</RCVPRT>
            <RCVPFC>LS</RCVPFC>
            <RCVPRN>MUNRO LTD</RCVPRN>
            <RCVLAD>GLN:6278032738213</RCVLAD>
            <CREDAT>20231218</CREDAT>
            <CRETIM>044504</CRETIM>
            <SERIAL>20231218044504</SERIAL>
            <STDVRS>EDIv6</STDVRS>
            <STDMES>EDIPOA</STDMES>
        </EDI_DC40>
        <E1EDK01 SEGMENT="1">
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            <CURCY>USD</CURCY>
            <HWAER>USD</HWAER>
            <WKURS>1.00000</WKURS>
            <ZTERM>1000</ZTERM>
            <BSART>NB</BSART>
            <BELNR>1777656478</BELNR>
            <RECIPNT_NO/> <!-- recipient_number ?? -->
        </E1EDK01>
        <E1EDK14 SEGMENT="1">
            <QUALF>014</QUALF>
            <ORGID>CH40</ORGID>
        </E1EDK14>
        <E1EDK14 SEGMENT="1">
            <QUALF>009</QUALF>
            <ORGID>100</ORGID>
        </E1EDK14>
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        <E1EDK14 SEGMENT="1">
            <QUALF>013</QUALF>
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            <QUALF>011</QUALF>
            <ORGID>3000</ORGID>
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        </E1EDK03>
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            <DATUM>20231218</DATUM>
        </E1EDK03>
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            <PARVW>AG</PARVW>
            <PARTN>0497030300017</PARTN>
            <NAME1>Alpenstock Ltd</NAME1>
            <STRAS>1 Bayern Strasse</STRAS>
            <ORT01>Munich</ORT01>
            <PSTLZ>342525</PSTLZ>
            <LAND1>DE</LAND1>
            <SPRAS>E</SPRAS> <!-- TODO ??? -->
            <REGIO>DE</REGIO>
            <SPRAS_ISO>EN</SPRAS_ISO> <!-- TODO Need to apply -->
        </E1EDKA1>
        <E1EDKA1 SEGMENT="1">
            <PARVW>WE</PARVW>
            <PARTN>0497030300017</PARTN>
            <NAME1>Alpenstock Ltd</NAME1>
            <STRAS>1 Bayern Strasse</STRAS>
            <ORT01>Munich</ORT01>
            <PSTLZ>342525</PSTLZ>
            <LAND1>DE</LAND1>
            <SPRAS>E</SPRAS> <!-- TODO ??? -->
            <REGIO>DE</REGIO>
            <SPRAS_ISO>EN</SPRAS_ISO> <!-- TODO Need to apply -->
        </E1EDKA1>
        <E1EDKA1 SEGMENT="1">
            <PARVW>LF</PARVW>
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            <PARTN>0495010100015</PARTN>
            <NAME1>MUNRO LTD</NAME1>
            <STRAS>100 Queensway</STRAS>
            <ORT01>London</ORT01>
            <PSTLZ>w9 1NH</PSTLZ>
            <LAND1>GB</LAND1>
            <SPRAS>E</SPRAS> <!-- TODO ??? -->
            <REGIO>GB</REGIO>
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            <BELNR>1777656478</BELNR>
            <DATUM>20231218</DATUM>
        </E1EDK02>
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            <BELNR>9883355607</BELNR>
        </E1EDK02>
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            <QUALF>001</QUALF>
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            <LKTEXT>COD</LKTEXT>
        </E1EDK17>
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            <ACTION>001</ACTION>
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            <BMNG2>1000</BMNG2>
            <PMENE>EA</PMENE>
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                <WMENG>1000</WMENG>
                <EDATU>20231222</EDATU>
            </E1EDP20>
            <E1EDP19 SEGMENT="1">
                <QUALF>001</QUALF>
                <IDTNR>12345-6789-92</IDTNR>
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                <KTEXT>Eye Drops (Dorzolamide)hjaguywqdu222222</KTEXT>
            </E1EDP19>
            <E1EDP19 SEGMENT="1">
                <QUALF>002</QUALF>
                <IDTNR>12345-6789-92</IDTNR>
                <KTEXT>Eye Drops (Dorzolamide)ugwduywegbjugbef
11111</KTEXT>
            </E1EDP19>
        </E1EDP01>
        <E1EDP01 SEGMENT="1">
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            <ACTION>001</ACTION>
            <PSTYP>0</PSTYP>
            <MENGE>1000</MENGE>
            <MENEE>EA</MENEE>
            <BMNG2>1000</BMNG2>
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                <EDATU>20231222</EDATU>
            </E1EDP20>
            <E1EDP19 SEGMENT="1">
                <QUALF>001</QUALF>
                <IDTNR>04400-1111-60</IDTNR>
                <KTEXT>Anti-Inflammatory (Xibax 90mg)</KTEXT>
            </E1EDP19>
            <E1EDP19 SEGMENT="1">
                <QUALF>002</QUALF>
                <IDTNR>04400-1111-60</IDTNR>
                <KTEXT>Anti-Inflammatory (Xibax 90mg)</KTEXT>
            </E1EDP19>
        </E1EDP01>
        <E1EDP01 SEGMENT="1">
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            <ACTION>001</ACTION>
            <PSTYP>0</PSTYP>
            <MENGE>1000</MENGE>
            <MENEE>EA</MENEE>
            <BMNG2>1000</BMNG2>
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            <PMENE>EA</PMENE>
            <E1EDP02>
                <QUALF>001</QUALF>
                <BELNR>1777656478</BELNR>
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                <DATUM>20231218</DATUM>
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            </E1EDP02>
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            <E1EDP19 SEGMENT="1">
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                <IDTNR>11241-1231-22</IDTNR>
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                <QUALF>002</QUALF>
                <IDTNR>11241-1231-22</IDTNR>
                <KTEXT>Blood thinner (Warfarin 200)</KTEXT>
            </E1EDP19>
        </E1EDP01>
        <E1EDS01 SEGMENT="1">
            <SUMID>004</SUMID>
            <SUMME>5000</SUMME>
            <SUNIT>USD</SUNIT>
        </E1EDS01>
    </IDOC>
</ORDERS05>
```

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Purchase orders

Owners and their Partners search for and view, and create purchase orders (POs) that are exchanged with Partners asynchronously.

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