

Message Implementation Guideline ORDERS – Purchase Order PHARMA Initiative Austria EANCOM 2002 Syntax 3 Version 1.1

Message Type:	ORDERS
Message Version:	010 (EANCOM)
Responsible Agency:	GS1 Austria
Directory Name:	EDIFACT
Directory Version:	D.01.B

Änderungen zur Version 1.0:

Segmentgruppe/Segment	Datenelement	alter Wert	neuer Wert	Anmerkung
BGM	1225			It was added the qualifier 42 (=Confirmation via specific means) It was added a text information.

Definition

This message was defined and agreed of the **PHARMA-Austria** community!

Purchase Order is a message specifying details for goods or services ordered under conditions agreed between the seller and the buyer.

Principles

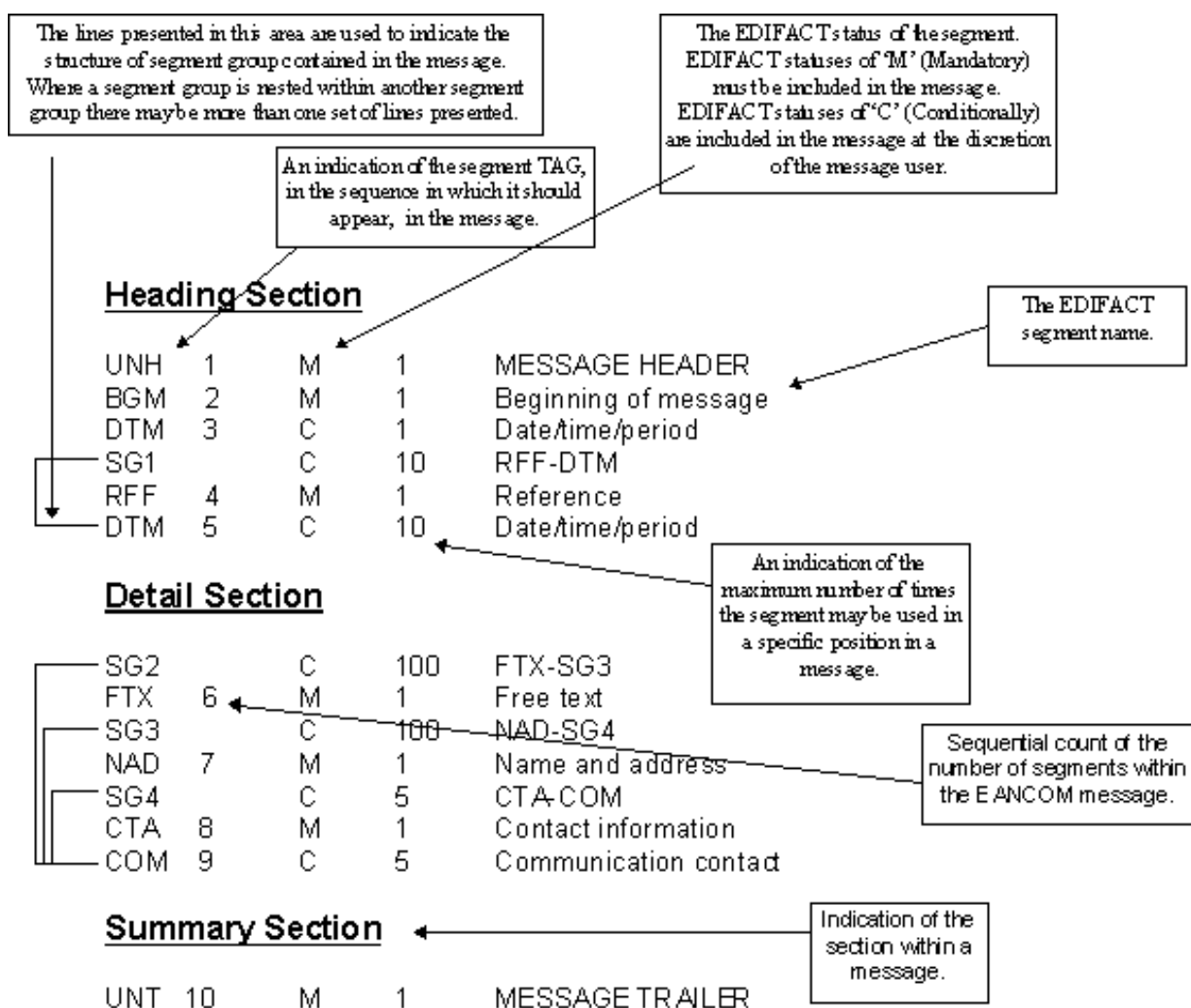
The EANCOM® subset of the UNSM Purchase Order is intended to be used in day to day ordering transactions.

The recommended business practice is that **one** Purchase Order leads to **one** delivery and to **one** invoice!

Message structure chart

Within every EANCOM® message a diagram is presented which explains the structure of the message.

The message structure chart is a sequential chart which presents the message in the sequence in which it must be formatted for transmission. Every message is structured and consists of three sections; a header, detail, and summary section. An example of a message structure chart follows:



Segments Layout

This section describes each segment used in the EANCOM Purchase Order message. The original EDIFACT segment layout is listed. The appropriate comments relevant to the EANCOM subset are indicated.

Notes:

1. The segments are presented in the sequence in which they appear in the message. The segment or segment group tag is followed by the (M)andatory / (C)onditional indicator, the maximum number of occurrences and the segment description.
2. Reading from left to right, in column one, the data element tags and descriptions are shown, followed by in the third column the EDIFACT status (M or C), the field format, and the picture of the data elements. These first pieces of information constitute the original EDIFACT segment layout.

Following the EDIFACT information, EANCOM specific information is provided in the fourth, fifth and sixth columns. In the fourth column a status indicator for the use of (C)onditional EDIFACT data elements (see 2.1 through 2.3 below), in the fifth column the restricted indicator (see point 3 on the following page), and in the sixth column notes and code values used for specific data elements in the message.

2.1 (M)andatory data elements in EDIFACT segments retain their status in EANCOM.

2.2 Additionally, there are five types of status for data elements with a (C)onditional EDIFACT status, whether for simple, component or composite data elements. These are listed below and can be identified when relevant by the following abbreviations:

- | | | | |
|---|--------------------|----------|--|
| - | REQUIRED | R | Indicates that the entity is required and must be sent. |
| - | ADVISED | A | Indicates that the entity is advised or recommended. |
| - | DEPENDENT D | | Indicates that the entity must be sent in certain conditions, as defined by the relevant explanatory note. |
| - | OPTIONAL | O | Indicates that the entity is optional and may be sent at the discretion of the user. |
| - | NOT USED | N | Indicates that the entity is not used and should be omitted. |

2.3 If a composite is flagged as **N, NOT USED**, all data elements within that composite will have blank status indicators assigned to them.

3. Status indicators detailed in the fifth column which directly relate to the code values detailed in the first column may have two values:

- | | | | |
|---|------------|----------|--|
| - | RESTRICTED | * | A data element marked with an asterisk (*) in the fifth column is (are) the only codes available for |
|---|------------|----------|--|

use with this data element, in this segment, in this message.

- OPEN All data elements where coded representation of data is possible and a restricted set of code values is not indicated are open (no asterix in fourth column). The available codes are listed in the EANCOM Data Elements and Code Sets Directory. Code values may be given as examples or there may be a note on the format or type of code to be used.

Message structure

Purchase order message

UNA	1	C	1	Service string advice
UNB	2	M	1	Interchange header
UNH	3	M	1	Message header
BGM	4	M	1	Beginning of message
DTM	5	M	3	Date/time/period
FTX	6	C	1	Free text
SG2		M	5	NAD-SG5
NAD	7	M	1	Name and address
SG5		C	1	CTA-COM
CTA	8	M	1	Contact information
COM	9	C	2	Communication contact
SG7		C	1	CUX
CUX	10	M	1	Currencies
SG10		C	1	TDT
TDT	11	M	1	Details of transport
SG12		C	1	TOD
TOD	12	M	1	Terms of delivery or transport
SG28		M	200000	LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43
LIN	13	M	1	Line item
PIA	14	C	3	Additional product id
IMD	15	M	1	Item description
QTY	16	M	2	Quantity
DTM	17	C	3	Date/time/period
FTX	18	C	1	Free text
SG32		C	3	PRI
PRI	19	M	1	Price details
SG33		C	1	RFF
RFF	20	M	1	Reference
SG38		C	1	TAX
TAX	21	C	1	Duty/tax/fee details
SG43		C	15	ALC-SG45-SG46
ALC	22	M	1	Allowance or charge
SG45		C	1	PCD
PCD	23	M	1	Percentage details
SG46		C	2	MOA
MOA	24	M	1	Monetary amount
UNS	25	M	1	Section control
UNT	26	M	1	Message trailer
UNZ	27	M	1	Interchange trailer

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element	
Message type		M	A/N 3	BGM		C002 1001	Document name code
Order number	assigned by the buyer	M	A/N 16	BGM		C106 1004	Document identifier
Message status		M	A/N 3	BGM		1225	Message function code
Order date		M	D 8	DTM		C507 2380	Date or time or period value
Delivery date/time	latest, requested	O	D 8	DTM		C507 2380	Date or time or period value
Pick-up/collection date/time of cargo		O	D 8	DTM		C507 2380	Date or time or period value
Free text	Purchasing information	O	A/N 35	FTX		C108 4440	Free text value
Buyer	GLN	M	N 13	SG2	NAD	C082 3039	Party identifier
Supplier	GLN	M	N 13	SG2	NAD	C082 3039	Party identifier
Delivery party	GLN, Free text-only if no GLN is available	O	N 13	SG2	NAD	C082 3039	Party identifier
Issuer of invoice	GLN	O	N 13	SG2	NAD	C082 3039	Party identifier
Invoicee	GLN, only if different from buyer	O	N 13	SG2	NAD	C082 3039	Party identifier
Name of the delivery party	only if no GLN is available	O	A/N 10	SG2	NAD	C080 3036	Party name
Street of delivery party	only if no GLN is available	O	A/N 35	SG2	NAD	C059 3042	Street and number or post office b
Place of delivery party	only if no GLN is available	O	A/N 35	SG2	NAD	3164	City name
Postal identification code of delivery party	only if no GLN is available	O	A/N 17	SG2	NAD	3251	Postal identification code

BUSINESS TERMS

Business term	Description	Status	Format	Segment		Data element		
Country name code of delivery address	only if no GLN is available	O	A/N 3	SG2	NAD	3207	Country name code	
Order contact	Name of the Buyer	O	A/35	SG5	CTA	C056	3412	Department or employee name
Communication address identifier	E-Mail and/ or phone number	O	A/N 51	SG5	COM	C076	3148	Communication address identifier
Currency		O	A/N 3	SG7	CUX	C504	6345	Currency identification code
Transport mode	Qualifier	O	A/N 3	SG10	TDT	C220	8067	Transport mode name code
Means of transport	Qualifier	O	A/N 8	SG10	TDT	C228	8179	Transport means description code
Terms of delivery or transport	Pick up or delivery	O	A/N 3	SG12	TOD		4055	Delivery or transport terms function
Payment method transport	Delivery method for the transport costs	O	A/N 3	SG12	TOD		4215	Transport charges payment metho
Position number		M	N 6	SG28	LIN		1082	Line item identifier
Article number	EAN- see segment description	M *	N 14	SG28	LIN	C212	7140	Item identifier
PZN (Austria Pharmacy Central Number)	see segment description	M*	A/N 35	SG28	PIA	C212	7140	Item identifier
Internal number of the supplier		O	A/N 35	SG28	PIA	C212	7140	Item identifier
Batch number		O	A/N 35	SG28	PIA	C212	7140	Item identifier
Free-form long description		O	A/N 70	SG28	IMD	C273	7008	Item description

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Quantity	Ordered quantity related to EAN	M	N 7+3	SG28 QTY	C186 6060 Quantity
Quantity	Free goods quantity	O	N 7+3	SG28 QTY	C186 6060 Quantity
Delivery date/time	on the item level –the latest or the required date of delivery or pickup is needed only if different from the header	O	D 8	SG28 DTM	C507 2380 Date or time or period value
Minimum shelf life remaining at time of despatch period		O	N 3	SG28 DTM	C507 2380 Date or time or period value
Free text	Purchasing information	O	A/N 35	SG28 FTX	C108 4440 Free text value
Information price, excluding allowances or charges and taxes	excl. VAT	O	N 7+3	SG32 PRI	C509 5118 Price amount
Net price	excl VAT, minus discounts	O	N 7+3	SG32 PRI	C509 5118 Price amount
Gross calculation price	excl VAT, excl. allowances/charges	O	N 7+3	SG32 PRI	C509 5118 Price amount
Contract number		O	A/N 70	SG33 RFF	C506 1154 Reference identifier
VAT rate	as percentage	O	N 2+2	SG38 TAX	C243 5278 Duty or tax or fee rate
Allowance/Charge percent		O	N 2+2	SG45 PCD	C501 5482 Percentage
Allowance or charge amount	Field repetition possible (for information only)	O	N 7+3	SG46 MOA	C516 5004 Monetary amount

BUSINESS TERMS

Business term	Description	Status	Format	Segment	Data element
Charge/allowance basis		O	N 7+3	SG46 MOA	C516 5004 Monetary amount

UNB - M 1 - Interchange header				
Function : To start, identify and specify an interchange.				
Segment number : 2				
Data element group/Data element	EDIFACT	ANW	*	Description
S001 Syntax identifier	M	M		
0001 Syntax identifier	M a4	M	*	UNOC = UN/ECE level C
0002 Syntax version number	M n1	M	*	3 = Version 3
S002 Interchange sender	M	M		
0004 Sender identification	M an..35	M		GLN (n13)
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International
0008 Address for reverse routing	C an..14	N		
S003 Interchange recipient	M	M		
0010 Recipient identification	M an..35	M		GLN (n13)
0007 Partner identification code qualifier	C an..4	R	*	14 = EAN International.
0014 Routing address	C an..14	O		
S004 Date/time of preparation	M	M		
0017 Date of preparation	M n6	M		YYMMDD
0019 Time of preparation	M n4	M		HHMM
0020 Interchange control reference	M an..14	M		Unique reference identifying the interchange. Created by the interchange sender.
S005 Recipient's reference, password	C	O		
0022 Recipient's reference/ password	M an..14	M		
0025 Recipient's reference/ password qualifier	C an2	O		
0026 Application reference	C an..14	O		Message identification if the interchange contains only one type of message.
0029 Processing priority code	C a1	O		A =Highest priority
0031 Acknowledgement request	C n1	O		
0032 Communications agreement ID	C an..35	O		
0035 Test indicator	C n1	O		1 = Interchange is a test
<u>Segment notes</u>				
The UNB segment is used to envelope the interchange and also to identify the party for whom the interchange is intended and the party who has sent the interchange. The principle of the UNB segment is the same as a physical envelope which				

covers one or more letters or documents and which details the address where delivery is to take place and the address from where the envelope has come.

DE 0001: The recommended (default) character set for use in EANCOM® for international exchanges is character set C (UNOC). Should users wish to use character sets other than C, an agreement on which set to use should be reached on a bilateral basis before communications begin.

DE 0004 and 0010: Within EANCOM® the Global Location Number (GLN) is recommended for the identification of the interchange sender and recipient.

DE 0008: The address for reverse routing is provided by the interchange sender to inform the interchange recipient of the address within the sender's system to which responding interchanges must be sent. It is recommended that the GLN be used for this purpose.

DE 0014: The address for routing, formerly provided by the interchange recipient, is used by the interchange sender to inform the recipient of the internal address within the recipient's system, to which the interchange should be routed. It is recommended that the GLN be used for this purpose.

DE S004: The date and time at which the sender prepared the interchange. This date and time may not necessarily be the same as the date and time of contained messages.

DE 0020: The interchange control reference number is generated by the interchange sender and is used to identify uniquely each interchange. Should the sender wish to re-use interchange control reference numbers, it is recommended that each number be held for a period of at least three months before being re-used. In order to guarantee uniqueness, the interchange control reference number should always be linked to the sender's identification (DE 0004).

DE S005: Any use of passwords must first be agreed bilaterally by the parties to the exchange.

DE 0026: This data element is used to identify the application on the recipient's system to which the interchange is directed. This data element may be used if, and only if, the interchange contains only one type of message, e.g invoices. The reference used in this data element is assigned by the interchange sender.

DE 0031: This data element is used to indicate whether an acknowledgement to the interchange is required or not. The EANCOM® APERAK or CONTRL message should be used to provide acknowledgement of interchange receipt. In addition the EANCOM® CONTRL message may be used to indicate when an interchange has been rejected due to syntactical errors.

DE 0032: This data element is used to identify any underlying agreements which control the exchange of data. Within EANCOM the identity of such agreements must start with the letters 'EANCOM' with the remaining characters within the data element filled according to bilateral agreements.

Example:

UNB+UNOC:3+5412345678908:14+8798765432106:14+020102:1000+12345555+++++EANCOMREF 52'

UNH - M 1 - Message header				
Function : To head, identify and specify a message.				
Segment number : 3				
Data element group/Data element	EDIFACT	ANW	*	Description
0062 Message reference number	M an..14	M		Sender's unique message reference. Sequence number of the messages in the interchange. DE 0062 in the UNT will be exactly the same. Sender generated.
S009 Message identifier	M	M		
0065 Message type	M an..6	M	*	ORDERS = Purchase order message
0052 Message version number	M an..3	M	*	D = Draft version/UN/EDIFACT Directory
0054 Message release number	M an..3	M	*	01B = Release 2001 - B
0051 Controlling agency	M an..2	M	*	UN = UN/CEFACT
0057 Association assigned code	C an..6	R	*	EAN010 = EAN version control number (EAN Code)
0068 Common access reference	C an..35	N		
S010 Status of the transfer	C	N		
0070 Sequence of transfers	M n..2			
0073 First and last transfer	C a1			
<u>Segment notes</u> Example: UNH+ME000001+ORDERS:D:01B:UN:EAN010'				

BGM - M		1 - Beginning of message			
Function :		To indicate the type and function of a message and to transmit the identifying number.			
Segment number :		4			
Data element group/Data element		EDIFACT	ANW	*	Description
C002	Document/message name	C	R		
1001	Document name code	C an..3	R	*	220 = Order 224 = Rush order 400 = Exceptional order 227 = Consignment order 22E = Manufacturer raised order (EAN Code)
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	D	*	9 = EAN (International Article Numbering association)
1000	Document name	C an..35	N		
C106	Document/message identification	C	R		
1004	Document identifier	C an..35	R		Order number; assigned by the document sender.
1056	Version identifier	C an..9	N		
1060	Revision identifier	C an..6	N		
1225	Message function code	C an..3	R	*	42 = Confirmation via specific means 9 = Original
4343	Response type code	C an..3	N		
<u>Segment notes</u> - Message type - Order (DE1001 = 220); Mandatory *); A/N 3 BGM+220+3574+9' - Message type - Rush order (DE1001 = 224); Mandatory *); A/N 3 BGM+224+3576+9' -Message type-Exceptional order (DE1001 = 400); Mandatory *) A/N3 BGM+400+3574+9' -Message type-Consignment order (DE1001 =227); Mandatory *) A/N3 BGM+227+3571+9' - Message type -Manufacturer raised order (VMI) (DE1001 = 22E); Mandatory *); A/N 3 BGM+22E+3571+9' *) One of these message types (together with the order number) must be set. - Order number (DE1004); Mandatory; A/N 16 BGM+227+3571+9' DE1225: Qualifier 42 (confirmation via specific means) is only used for confirmation of a previous order sent by means other than EDI, e.g. Fax (not to confound with ORDRSP - 'purchase order response'). In all other cases Qualifier 9 (Original) should be used.					

DTM - M 3- Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 5				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	137 = Document/message date/time 2 = Delivery date/time, requested 63 = Delivery date/time, latest 200 = Pick-up/collection date/time of cargo
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD
<u>Segment notes</u> - Message date (DE2005 = 137); Mandatory; D 8 DTM+137:19990610:102' - Delivery date/time (DE2005 = 2); Optional *); D 8 DTM+2:199906201200:203' - Delivery date/time, latest (DE 2005 = 63); Optional *); D 8 DTM+63:20050715:102' - Pick-up/collection date/time of cargo (DE2005 = 200); Optional *); D 8 DTM+200:20120101:102' *) One of these fields must be set				

FTX - C		1 - Free text			
Function		To provide free form or coded text information.			
Segment number		6			
Data element group/Data element		EDIFACT	ANW	*	Description
4451	Text subject code qualifier	M an..3	M	*	PUR = Purchasing information
4453	Free text function code	C an..3	N		
C107	Text reference	C	N		
4441	Free text value code	M an..17			
1131	Code list identification code	C an..17			
3055	Code list responsible agency code	C an..3			
C108	Text literal	C	R		
4440	Free text value	M an..512	M		Pharma EDI Austria allows maximum 350 characters
4440	Free text value	C an..512	N		
4440	Free text value	C an..512	N		
4440	Free text value	C an..512	N		
4440	Free text value	C an..512	N		
3453	Language name code	C an..3	N		
4447	Free text format code	C an..3	N		
<u>Segment notes</u> - Free text/Purchasing information (DE4440); Optional; A/N 350 FTX+PUR+++FREE PURCHASING INFORMATION'					

SG2 - M 5 - NAD-SG5				
NAD - M 1 - Name and address				
Function : To specify the name/address and their related function, either by C082 only and/or unstructured by C058 or structured by C080 thru 3207.				
Segment number : 7				
Data element group/Data element	EDIFACT	ANW	*	Description
3035 Party function code qualifier	M an..3	M	*	BY = Buyer SU = Supplier DP = Delivery party IV = Invoicee II = Issuer of invoice
C082 Party identification details	C	D		
3039 Party identifier	M an..35	M		GLN - Format n13
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	R	*	9 = EAN (International Article Numbering Association)
C058 Name and address	C	N		
3124 Name and address description	M an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
3124 Name and address description	C an..35			
C080 Party name	C	D		
3036 Party name	M an..35	M		Name of the delivery party
3036 Party name	C an..35	O		
3036 Party name	C an..35	O		
3036 Party name	C an..35	N		
3036 Party name	C an..35	N		
3045 Party name format code	C an..3	N		
C059 Street	C	D		
3042 Street and number or post office box identifier	M an..35	M		Street of delivery party
3042 Street and number or post office box identifier	C an..35	N		
3042 Street and number or post office box identifier	C an..35	N		
3042 Street and number or post office box identifier	C an..35	N		

Data element group/Data element	EDIFACT	ANW	*	Description
3164 City name	C an..35	D		Place of delivery party
C819 Country sub-entity details	C	N		
3229 Country sub-entity name code	C an..9			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
3228 Country sub-entity name	C an..70			
3251 Postal identification code	C an..17	D		Postal code, code of delivery party
3207 Country name code	C an..3	D		Country name, code of delivery address

Segment notes

- Buyer (DE3035 = BY); Mandatory; N 13
NAD+BY+9012345000004::9'

- Supplier (DE3035 = SU); Mandatory; N 13
NAD+SU+9012345000011::9'

- Delivery party (DE3035 = DP); Optional; N 13
NAD+DP+9012345000028::9'

- Invoicee (DE3035 = IV); Optional; N 13
NAD+IV+9012345000059::9'

- Issuer of invoice (DE3035 = II); Optional; N 13
NAD+II+9099999300414::9'

For identification of parties the GLN (Global Location Number) is primarily used. Free text is allowed only for the Delivery party (DP) in case no GLN available

NAD+DP+++EDI-LAND:Herr Laufen:Garage+Bussardweg 5+Wien++1120+AT'

SG2 - M 5 - NAD-SG5					
SG5 - C 1 - CTA-COM					
CTA - M 1 - Contact information					
Function : To identify a person or a department to whom communication should be directed.					
Segment number : 8					
Data element group/Data element		EDIFACT	ANW	*	Description
3139	Contact function code	C an..3	M	*	OC = Order contact
C056	Department or employee details	C	M		
3413	Department or employee name code	C an..17	N		
3412	Department or employee name	C an..35	M		
<u>Segment notes</u> -Function of contact person (DE3139 = OC); Optional; A/N 35 CTA+OC+:MAX MUSTERMANN' The CTA segment can only be used in conjunction with the buyer (NAD+BY) segment.					

SG2 - M 5 - NAD-SG5				
SG5 - C 1 - CTA-COM				
COM - C 2 - Communication contact				
Function : To identify a communication number of a department or a person to whom communication should be directed.				
Segment number : 9				
Data element group/Data element	EDIFACT	ANW	*	Description
C076 Communication contact	M	M		
3148 Communication address identifier	M an..512	M		
3155 Communication address code qualifier	M an..3	M	*	EM = Electronic mail TE = Telephone
<u>Segment notes</u> This segment is used to provide communications number, and type of communications, for the clerk or department identified in the CTA segment Example: COM+003222271020:TE' COM+EINKAUF@TESTFIRMA.AT:EM'				

SG7 - C 1 - CUX				
CUX - M 1 - Currencies				
Function : To specify currencies used in the transaction and relevant details for the rate of exchange.				
Segment number : 10				
Data element group/Data element	EDIFACT	ANW	*	Description
C504 Currency details	C	R		
6347 Currency usage code qualifier	M an..3	M	*	2 = Reference currency
6345 Currency identification code	C an..3	R		EUR = Euro
6343 Currency type code qualifier	C an..3	R	*	9 = Order currency
6348 Currency rate value	C n..4	N		
C504 Currency details	C	N		
6347 Currency usage code qualifier	M an..3			
6345 Currency identification code	C an..3			
6343 Currency type code qualifier	C an..3			
6348 Currency rate value	C n..4			
5402 Currency exchange rate	C n..12	N		
6341 Exchange rate currency market identifier	C an..3	N		
<u>Segment notes</u> - Currency (DE6345); Optional *); A/N 3 CUX+2:EUR:9' *) The usage of this segment is obligatory when on position level price information is communicated.				

SG10 - C		1 - TDT			
TDT - M		1 - Details of transport			
Function :		To specify the transport details such as mode of transport, means of transport, its conveyance reference number and the identification of the means of transport.			
Segment number : 11					
Data element group/Data element		EDIFACT	ANW	*	Description
8051	Transport stage code qualifier	M an..3	M	*	20 = Main-carriage transport
8028	Means of transport journey identifier	C an..17	N		
C220	Mode of transport	C	M		
8067	Transport mode name code	C an..3	R		10 = Maritime transport 20 = Rail transport 30 = Road transport 40 = Air transport 50 = Mail 100 = Courier service (EAN Code)
8066	Transport mode name	C an..17	N		
C228	Transport means	C	M	*	25 = Rail express 31 = Truck X3 = Truck up to 3,5 tons (EAN Code) X04 = Courier express (EAN Code - book) X10 = Mail express (EAN Code - book)
8179	Transport means description code	C an..8	M		
8178	Transport means description	C an..17			
C040	Carrier	C	N		
3127	Carrier identifier	C an..17			
1131	Code list identification code	C an..17			
3055	Code list responsible agency code	C an..3			
3128	Carrier name	C an..35			
8101	Transit direction indicator code	N an..3	N		
C401	Excess transportation information	N	N		
8457	Excess transportation reason code	M an..3			
8459	Excess transportation responsibility code	M an..3			
7130	Customer shipment authorisation identifier	C an..17			
C222	Transport identification	N	N		

Data element group/Data element		EDIFACT	ANW	*	Description
8213	Transport means identification name identifier	C an..9			
1131	Code list identification code	C an..17			
3055	Code list responsible agency code	C an..3			
8212	Transport means identification name	C an..35			
8453	Transport means nationality code	C an..3			
8281	Transport means ownership indicator code	N an..3	N		
<u>Segment notes</u> Transport mode (DE 8067) and transport means (DE 8179); Optional DE8179, DE8067: for further codes see the code list. If there is no TDT Segment in the order it is possibly applicable an existing standard agreement with the supplier about the transport details. Example: TDT+20++20+31'					

SG12 - C 1 - TOD				
TOD - M 1 - Terms of delivery or transport				
Function : To specify terms of delivery or transport.				
Segment number : 12				
Data element group/Data element	EDIFACT	ANW	*	Description
4055 Delivery or transport terms function code	M an..3	M	*	4 = Collected by customer 10E = Delivered by supplier (EAN Code)
4215 Transport charges payment method code	O an..3	O	*	NC = Service freight, no charge CC = Collect CF = Collect, freight credited to payment customer MX = Mixed
C100 Terms of delivery or transport	C	N		
4053 Delivery or transport terms description code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
4052 Delivery or transport terms description	C an..70			
4052 Delivery or transport terms description	C an..70			
<u>Segment notes</u> In this segment the self-pickup or delivery is specified. In addition the payment method for the transport costs can be defined. If the order does not contain a TOD segment, then ,the delivery' service is valid, or respectively a standard- existing supply agreement with the supplier Example: TOD+10E+CC'				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
LIN - M 1 - Line item				
Function : To identify a line item and configuration.				
Segment number : 13				
Data element group/Data element	EDIFACT	ANW	*	Description
1082 Line item identifier	C an..6	R		Application generated number of the item lines within the Order. The number must be unique and ascending within the message.
1229 Action request/notification description code	C an..3	N		
C212 Item number identification	C	D		
7140 Item identifier	C an..35	R		Format n..14, EAN/GTIN - this is the number of the article being ordered.
7143 Item type identification code	C an..3	R	*	SRV = EAN.UCC Global Trade Item Number
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C829 Sub-line information	C	N		
5495 Sub-line indicator code	C an..3			
1082 Line item identifier	C an..6			
1222 Configuration level number	C n..2	N		
7083 Configuration operation code	C an..3	N		
<u>Segment notes</u> The LIN-Segment indicates the beginning of the Detail Section of the order. - Article identification by EAN (DE7140); Mandatory*) ; N 14 The field can contain max. 14 symbols (numerical) whereas only the specified numbering structures are allowed! No leading Zeros are exchanged! LIN+1++9054321444448:SRV' *) In case no GTIN has been assigned, the LIN-Segment and the following PIA-Segment (Article identification via a Pharmacy Central Number-PZN) should be represented as follows: LIN+1' PIA+5+1320706:IN'				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
PIA - C 3- Additional product id				
Function : To specify additional or substitutional item identification codes.				
Segment number : 14				
Data element group/Data element	EDIFACT	ANW	*	Description
4347 Product identifier code qualifier	M an..3	M	*	1 = Additional identification 5 = Product identification
C212 Item number identification	M	M		
7140 Item identifier	C an..35	R		IN = Buyer's item number (Austria Pharmacy Central Number) SA =Supplier's article number NB = Batch number
7143 Item type identification code	C an..3	R	*	
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C212 Item number identification	C	N		
7140 Item identifier	C an..35			
7143 Item type identification code	C an..3			

Data element group/Data element	EDIFACT	ANW	*	Description
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
<u>Segment notes</u> Additional product identification (DE4347=1 und DE7143 = IN); Internal number of the dealer / buyer (Austria PZN); Optional; A/N 35 PIA+1+123081:IN' -Additional Product identification (DE4347=1 und DE7143 = SA), Internal number of the supplier; Optional; A/N 35 PIA+1+9438444:SA' - Product identification of the dealer/buyer (Austria PZN) (DE4347=5 und DE7143 = IN; Mandatory *); A/N 35 In case no GTIN has been assigned, the LIN-Segment and the following PIA-Segment (Article identification via an Pharmacy Central Number-PZN) should be represented as follows: LIN+1' PIA+5+15555:IN' - Batch number (DE4347=1 und DE7143 = NB), Internal number of the supplier; Optional ;A/N 35 PIA+1+45XP3:NB'				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43					
IMD - M 1 - Item description					
Function : To describe an item in either an industry or free format.					
Segment number : 15					
Data element group/Data element		EDIFACT	ANW	*	Description
7077	Description format code	C an..3	R	*	A = Free-form long description
C272	Item characteristic	C	N		
7081	Item characteristic code	C an..3			
1131	Code list identification code	C an..17			
3055	Code list responsible agency code	C an..3			
C273	Item description	C	M		
7009	Item description code	N an..17	N		
1131	Code list identification code	C an..17	N		
3055	Code list responsible agency code	C an..3	N		
7008	Item description	C an..256	M		
7008	Item description	C an..256	N		
3453	Language name code	C an..3	N		
7383	Surface or layer code	C an..3	N		
<u>Segment notes</u>					
The IMD segment is used when the identification of the articles is not possible to be done exclusively through the GTIN number.					
- Free-form long description (DE7077 =A); Optional ; A/N 70 IMD+A++:::ACTIVELE 3x28 FTBL'					

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
QTY - M 2 - Quantity				
Function : To specify a pertinent quantity. Segment number : 16				
Data element group/Data element	EDIFACT	ANW	*	Description
C186 Quantity details	M	M		
6063 Quantity type code qualifier	M an..3	M	*	21 = Ordered quantity 192 = Free goods quantity
6060 Quantity	M an..35	M		
6411 Measurement unit code	C an..3	O		
<u>Segment notes</u> - Ordered quantity; related to EAN ;Mandatory *); N 7+3 QTY+21:50' *) Quantity and quantity-unit according to supplier item master data. - Free goods quantity (DE6063 = 192); Optional *); N 7+3 QTY+192:12'				
Continuous mapping of an ordered quantity or specification of a discount in kind				
<u>ORDERS variant – Order representing only the ordered quantity</u>				
This variant is applied when there is only an ordered quantity without a specified discount in kind to it in the terms of delivery (item master data). Only the ordered quantity is transmitted without any free quantity. It has therefore no additional effects on the subsequent messages /processes because the represented quantity in this case is the quantity which is ordered, delivered and invoiced. Example: A position of ORDERS representing an order in an EDI message is shown below: LIN+1++9012345000001:SRV' PIA+1+123456:IN' IMD+A+++::Product name' QTY+21:10' (10 Pieces are ordered and invoiced)				
<u>ORDERS variant – Order representing an ordered quantity and a discount in kind (free goods quantity)</u>				
In addition to an ordered quantity in the terms of delivery (master data) a discount in kind (for a free goods quantity) is set in this variation. Example: When there is a designated ordered quantity of 10 pieces then there is also a free goods quantity of 2 pieces. These 12 pieces in total must be specified in the order and in all subsequent messages / processes to ensure the continuity. The Pharma Austria working group agreed that the specification of a quantity of free goods should be sent in a separate position next to the ordered quantity. This is due to the fact that variations in quantity can be displayed and communicated clearly in the following processes. (e.g. in terms of partial deliveries). However it is necessary to remark that the quantity in the DESADV relates to the quantity delivered. Therefore the free goods are also included in this quantity.				

The example below shows a position of an ORDERS representing an order including free goods quantity in an EDI message :

LIN+1++9012345000001:SRV'
PIA+1+123456:IN'
IMD+A+++::Product name'
QTY+21:10' (10 Pieces are ordered and invoiced)

LIN+2++9012345000001:SRV'
PIA+1+123456:IN'
IMD+A+++::Product name'
QTY+192:2' (2 Pieces are ordered and but not invoiced)

DESADV variant – delivery quantity and free goods quantity

This consistency is given in all subsequent messages. However, note that the indication of the quantity is not fully reflected in the DESADV / ORDRSP / INVOIC as the ORDERS.

This results as in the following messages the delivered / accepted / billed quantity in the EDI message is represented. For example, free goods in the DESADV are displayed as follows:

LIN+1++9012345000001:SRV'
PIA+1+123456:IN'
IMD+A+++::Product name'
QTY+12:10' (10 Pieces are delivered and invoiced)

LIN+2++9012345000001:SRV'
PIA+1+123456:IN'
IMD+A+++::Product name'
QTY+192:2' (2 Pieces are delivered but not invoiced)

INVOIC variant – invoiced quantity and free goods quantity

10 pieces have been ordered, and as a bonus 2 pieces were included in the form of free goods, which are not billed.

LIN+1++9012345000001:SRV'
PIA+1+123456:IN'
IMD+A+++::Product name'
QTY+47:10' (10 Pieces are delivered and invoiced)

LIN+2++9012345000001:SRV'
PIA+1+123456:IN'
IMD+A+++::Product name'
QTY+192:2' (2 Pieces are delivered but not invoiced)

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
DTM - C 3- Date/time/period				
Function : To specify date, and/or time, or period.				
Segment number : 17				
Data element group/Data element	EDIFACT	ANW	*	Description
C507 Date/time/period	M	M		
2005 Date or time or period function code qualifier	M an..3	M	*	2 = Delivery date/time, requested 63 = Delivery date/time, latest 364 = Minimum shelf life remaining at time of despatch period 200 = Pick-up/collection date/time of cargo
2380 Date or time or period value	C an..35	R		
2379 Date or time or period format code	C an..3	R	*	102 = CCYYMMDD 804 = Day
<u>Segment notes</u> - Delivery date/time, requested (DE2005 = 2); Optional*) D 8 DTM+2:20110302:102' - Minimum shelf life remaining at time of despatch period (in days) (DE2005 = 364 and DE2379 = 804); Optional; N 3 DTM+364:30:804' - Delivery date/time, latest (DE 2005 = 63); Optional; D 8 DTM+63:20050715:102' -Pick-up/collection date/time of cargo (DE2005 = 200); Optional *); D 8 DTM+200:20120101:102' *) The Delivery date in this message is an optional field and should be provided either in the heading section or for each position. In case that Delivery date is submitted two times, as well in the heading section as on position level, the information on position level will override the information in the heading section.				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
FTX - C 1 - Free text				
Function : To provide free form or coded text information.				
Segment number : 18				
Data element group/Data element	EDIFACT	ANW	*	Description
4451 Text subject code qualifier	M an..3	M	*	PUR = Purchasing information Pharma EDI Austria allows maximum 350 characters
4453 Free text function code	C an..3	N		
C107 Text reference	C	N		
4441 Free text value code	M an..17			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
C108 Text literal	C	R		
4440 Free text value	M an..512	M		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
4440 Free text value	C an..512	N		
3453 Language name code	C an..3	N		
4447 Free text format code	C an..3	N		
<u>Segment notes</u> - Free text/Purchasing information (DE4440); Optional; A/N 350 FTX+PUR+++FREE PURCHASING INFORMATION'				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43					
SG32 - C 3 - PRI					
PRI - M 1 - Price details					
Function : To specify price information.					
Segment number : 19					
Data element group/Data element		EDIFACT	ANW	*	Description
C509	Price information	C	R		AAA = Calculation net AAB = Calculation gross AAF = Information price, excluding allowances or charges and taxes
5125	Price code qualifier	M an..3	O	*	
5118	Price amount	C n..15	R		
5375	Price type code	C an..3	N		
5387	Price specification code	C an..3	N		
5284	Unit price basis value	C n..9	D		
6411	Measurement unit code	C an..3	D		
5213	Sub-line item price change operation code	C an..3	N		
<u>Segment notes</u>					
-Information price, excluding allowances or charges and taxes; Optional; N 7+3 PRI+AAF:19.98'					
- Net price; excl. VAT, incl. Allowance/Charge; Optional; N 7+3 PRI+AAA:55'					
- Calculation gross; excl. VAT, excl. Allowance/Charge , Optional; N 7+3 PRI+AAB:12'					
If price information is used the currency must be specified in CUX-Segment (Heading section). Fixed prices (DE5125 = AAA or AAB) are agreed, any change requires a separate agreement between the buyer and supplier.					

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
SG33 - C 1 - RFF				
RFF - M 1 - Reference				
Function : To specify a reference.				
Segment number : 20				
Data element group/Data element	EDIFACT	ANW	*	Description
C506 Reference	M	M		CT = Contract number
1153 Reference code qualifier	M an..3	M	*	
1154 Reference identifier	C an..70	R		
1156 Document line identifier	C an..6	N		
4000 Reference version identifier	C an..35	N		
1060 Revision identifier	C an..6	N		
<u>Segment notes</u>				
This segment is used to specify the contract number in case of a price agreement (see PRI-Segment)				
- Contract number (DE1153=CT); Optional; A/N 70				
RFF+CT:112233				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
SG38 - C 1 - TAX				
TAX - C 1 - Duty/tax/fee details				
Function : To specify relevant duty/tax/fee information.				
Segment number : 21				
Data element group/Data element	EDIFACT	ANW	*	Description
5283 Duty or tax or fee function code qualifier	M an..3	M	*	7 = Tax
C241 Duty/tax/fee type	C	D		
5153 Duty or tax or fee type name code	C an..3	R	*	VAT = Value added tax
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5152 Duty or tax or fee type name	C an..35	N		
C533 Duty/tax/fee account detail	C	N		
5289 Duty or tax or fee account code	M an..6			
1131 Code list identification code	C an..17			
3055 Code list responsible agency code	C an..3			
5286 Duty or tax or fee assessment basis value	C an..15	N		
C243 Duty/tax/fee detail	C	D		
5279 Duty or tax or fee rate code	C an..7	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5278 Duty or tax or fee rate	C an..17	R		Actual tax rate/fee rate
5273 Duty or tax or fee rate basis code	C an..12	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
5305 Duty or tax or fee category code	C an..3	O		E = Exempt from tax S = Standard rate
3446 Party tax identifier	C an..20	N		
1227 Calculation sequence code	C an..3	N		
<u>Segment notes</u>				

- Value added tax for the actual position; Optional; N 2+2
TAX+7+VAT++++:::20+S'

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
SG43 - C 15 - ALC-SG45-SG46				
ALC - M 1 - Allowance or charge				
Function : To identify allowance or charge details.				
Segment number : 22				
Data element group/Data element	EDIFACT	ANW	*	Description
5463 Allowance or charge code qualifier	M an..3	M	*	A = Allowance C = Charge
C552 Allowance/charge information	C	N		
1230 Allowance or charge identifier	C an..35			
5189 Allowance or charge identification code	C an..3			
4471 Settlement means code	C an..3	N		
1227 Calculation sequence code	C an..3	D		1 = First step of calculation 2 = Second step of calculation etc.
C214 Special services identification	C	R		
7161 Special service description code	C an..3	R		DI = Discount
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
7160 Special service description	C an..35	N		
7160 Special service description	C an..35	N		
<u>Segment notes</u> Allowance/Charge; Optional; A/N 3 Allowance in percent is represented by using the combination: ALC-Segment + PCD-Segment (Allowance in a monetary amount is represented by using the combination: ALC Segment + MOA Segment). Example: Allowance 10% ALC+A++++DI' PCD+3:10' Allowance as a monetary amount (Currency, see the CUX-Segment) ALC+A++++DI' MOA+8:20' Examples and details of the discount illustration can be found in the Appendix.				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
SG43 - C 15 - ALC-SG45-SG46				
SG45 - C 1 - PCD				
PCD - M 1 - Percentage details				
Function : To specify percentage information.				
Segment number : 23				
Data element group/Data element	EDIFACT	ANW	*	Description
C501 Percentage details	M	M		
5245 Percentage type code qualifier	M an..3	M	*	3 = Allowance or charge
5482 Percentage	C n..10	R		Percentage
5249 Percentage basis identification code	C an..3	N		
1131 Code list identification code	C an..17	N		
3055 Code list responsible agency code	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes</u> - Allowance/charge as a percentage; Optional N 2+2; (see ALC-Segment) PCD+3:10' Notes for the illustration of a discount at item level-please see ALC segment				

SG28 - M 200000 - LIN-PIA-IMD-QTY-DTM-FTX-SG32-SG33-SG38-SG43				
SG43 - C 15 - ALC-SG45-SG46				
SG46 - C 2 - MOA				
MOA - M 1 - Monetary amount				
Function : To specify a monetary amount.				
Segment number : 24				
Data element group/Data element	EDIFACT	ANW	*	Description
C516 Monetary amount	M	M		
5025 Monetary amount type code qualifier	M an..3	M	*	8 = Allowance or charge amount 25 = Charge/allowance basis
5004 Monetary amount	C n..35	R		amount
6345 Currency identification code	C an..3	N		
6343 Currency type code qualifier	C an..3	N		
4405 Status description code	C an..3	N		
<u>Segment notes</u> This segment is used to set the base amount for calculating an allowances or charges - Allowances -/charges amount (DE5025 =8); Optional; N 7+3 MOA+8:2000' - Charge/allowance basis (DE5025 = 25); Optional ; N 7+3 MOA+25:798.336' Notes for the illustration of a discount at item level-please see ALC segment				

UNS - M 1 - Section control				
Function : To separate header, detail and summary sections of a message. Notes: 1. To be used by message designers when required to avoid ambiguities. Mandatory only if specified for the type of message concerned. Segment number : 25				
Data element group/Data element	EDIFACT	ANW	*	Description
0081 Section identification	M a1		*	S = Detail/summary section separation
<u>Segment notes</u> This segment is used to separate the detail and summary sections of the message. Example: UNS+S'				

UNT - M 1 - Message trailer				
Function : To end and check the completeness of a message.				
Segment number : 26				
Data element group/Data element	EDIFACT	ANW	*	Description
0074 Number of segments in the message	M n..6	M		The total number of segments in the message is detailed here.
0062 Message reference number	M an..14	M		The message reference number detailed here should be equal to the one specified in the UNH segment.
<u>Segment notes</u> This segment is a mandatory UN/EDIFACT segment. Example: UNT+83+ME000001'				

UNZ - M 1 - Interchange trailer				
Function : To end and check the completeness of an interchange.				
Segment number : 27				
Data element group/Data element	EDIFACT	ANW	*	Description
0036 Interchange control count	M n..6	M		Number of messages or functional groups within an interchange.
0020 Interchange control reference	M an..14	M		Identical to DE 0020 in UNB segment.
<u>Segment notes</u> This segment is used to provide the trailer of an interchange. DE 0036: If functional groups are used, this is the number of functional groups within the interchange. If functional groups are not used, this is the number of messages within the interchange. Example: UNZ+5+12345555'				

EXAMPLE:

EANCOM	Description
UNA:+.? '	Service string advice
UNB+UNOC:3+5412345678908:14+8798765432106:14+120802:1000+12345555+++++EANCOM REF 52'	Interchange Header
UNH+342+ORDERS:D:01B:UN:EAN010'	Message Header
BGM+220+4448+9'	Order type and number
DTM+137:20120817:102'	Document date
DTM+2:20120822:102'	Delivery date
FTX+PUR+++FREE PURCHASING INFO'	Purchasing information
NAD+BY+9000096000008::9'	Buyer
CTA+OC+:MAX MUSTERMANN'	Contact person
COM+EINKAUF@TESTFIRMA.AT:EM'	E-Mail address of the contact person
NAD+SU+9099999999991::9'	Supplier
NAD+DP+9000096000008::9'	Delivery party
NAD+IV+9000096000008::9'	Invoicee
CUX+2:EUR:9'	Currency
TDT+20++30+31'	Transport mode
TOD+10E+CC'	Delivery conditions
LIN+1++9099999026543:SRV'	1. Item
PIA+1+45XP3:NB'	Batch number
PIA+1+1230815:SA'	Internal number of the supplier
IMD+A++::SANSO'	Free text description
QTY+21:200'	Ordered quantity

PRI+AAA:18'	Net price
LIN+2++9099999087568:SRV'	2. item
QTY+21:150'	Ordered quantity
DTM+364:60:804'	Minimum shelf life remaining at time of despatch period
PRI+AAB:12.9'	Calculation gross
TAX+7+VAT++++:::20+S'	VAT tax rate
UNS+S'	Section control
UNT+27+342'	Message trailer
UNZ+1+12345555'	Interchange trailer

Examples for presentation of discounts:

Variant: one step discount respectively only one discount per position

LIN+1++9099999300476:SRV'	Item
QTY+21:70'	Ordered quantity
PRI+AAB:0.60'	Calculation gross
PRI+AAA:0.582'	Net price
TAX+7+VAT++++:::10+S'	VAT tax rate
ALC+A+++1+DI'	Calculation step
PCD+3:3'	Percent rate

Variant: two –steps discount, two discounts in percents

LIN+1++9099999300476:SRV'	Item
QTY+21:70'	Ordered quantity
PRI+AAB:0.60'	Calculation gross
PRI+AAA:0.573'	Net price
TAX+7+VAT++++:::10+S'	VAT tax rate
ALC+A+++1+DI'	1.Step of calculation
PCD+3:3'	Percent rate
ALC+A+++2+DI'	2.Step of calculation
PCD+3:1.5'	Percent rate