

Rexroth
Bosch Group

EDI - Guide

ORDRSP UN D99B



Who should read this document?

This document is for EDI-administrators who will implement this EDI-guide to be able to receive EDIFACT orders 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.

In case that in a segment description is listed more than one segment group, you have to read them from bottom to top. The first segment group is that group which contains the segment. The next segment group above is the segment group which contains the previous segment group.

The request of certain segment groups, segments or fields may differ from the description of ORDERS D99B like it is distributed from the UNECE. We have changed the request of some elements from optional to mandatory as they are important for our processes.

If you have questions to this guide, send an e-mail to: edi.admin@boschrexroth.de

HEADER SECTION

UNH	Message header	M	1
BGM	Beginning of message	M	1
DTM	Date/time/period	M	35
PAI	Payment instructions	O	1
ALI	Additional information	O	5
IMD	Item description	O	999
FTX	Free text	O	99
GIR	Related identification number	O	10

	Segment group 1	O	9999	1
RFF	Reference	M	1	1
DTM	Date/time/period	O	5	1

	Segment group 2	O	1	2
AJT	Adjustment details	M	1	2
FTX	Free text	O	5	2

	Segment group 3	M	99	3
NAD	Name and address	M	1	3
LOC	Place/location identification	O	25	3
FII	Financial institution information	O	5	3

	Segment group 4	O	99	4	3
RFF	Reference	M	1	4	3
DTM	Date/time/period	O	5	4	3

	Segment group 5	O	5	5	3
DOC	Document/message details	M	1	5	3
DTM	Date/time/period	O	5	5	3

	Segment group 6	O	5	6	3
CTA	Contact information	M	1	6	3
COM	Communication contact	O	5	6	3

	Segment group 7	O	5	7
TAX	Duty/tax/fee details	M	1	7
MOA	Monetary amount	O	1	7
LOC	Place/location identification	O	5	7

	Segment group 8	O	5	8
CUX	Currencies	M	1	8
PCD	Percentage details	O	5	8
DTM	Date/time/period	O	5	8

	Segment group 9	O	10	9
PAT	Payment terms basis	M	1	9
DTM	Date/time/period	O	5	9
PCD	Percentage details	O	1	9
MOA	Monetary amount	O	1	9

	Segment group 10	O	10	10
TDT	Details of transport	M	1	10

	Segment group 11	O	10	11	10
LOC	Place/location identification	M	1	11	10
DTM	Date/time/period	O	5	11	10

	Segment group 12	O	5		12
TOD	Terms of delivery or transport	M	1		12
LOC	Place/location identification	O	2		12
	Segment group 13	O	99		13
PAC	Package	M	1		13
MEA	Measurements	O	5		13
					13
	Segment group 14	O	99	14	13
PCI	Package identification	M	1	14	13
RFF	Reference	O	1	14	13
DTM	Date/time/period	O	5	14	13
GIN	Goods identity number	O	99	14	13
	Segment group 15	O	10		15
EQD	Equipment details	M	1		15
HAN	Handling instructions	O	5		15
MEA	Measurements	O	5		15
FTX	Free text	O	5		15
	Segment group 16	O	10		16
SCC	Scheduling conditions	M	1		16
FTX	Free text	O	5		16
RFF	Reference	O	5		16
					16
	Segment group 17	O	10	17	16
QTY	Quantity	M	1	17	16
DTM	Date/time/period	O	5	17	16
	Segment group 18	O	25		18
APR	Additional price information	M	1		18
DTM	Date/time/period	O	5		18
RNG	Range details	O	1		18
	Segment group 19	O	99		19
ALC	Allowance or charge	M	1		19
ALI	Additional information	O	5		19
DTM	Date/time/period	O	5		19
					19
	Segment group 20	O	1	20	19
QTY	Quantity	M	1	20	19
RNG	Range details	O	1	20	19
					19
	Segment group 21	O	1	21	19
PCD	Percentage details	M	1	21	19
RNG	Range details	O	1	21	19
					19
	Segment group 22	O	2	22	19
MOA	Monetary amount	M	1	22	19
RNG	Range details	O	1	22	19
					19
	Segment group 23	O	1	23	19
RTE	Rate details	M	1	23	19
RNG	Range details	O	1	23	19
					19
	Segment group 24	O	5	24	19
TAX	Duty/tax/fee details	M	1	24	19
MOA	Monetary amount	O	1	24	19

	Segment group 25	O	999		25
RCS	Requirements and conditions	M	1		25
RFF	Reference	O	5		25
DTM	Date/time/period	O	5		25
FTX	Free text	O	99999		25

DETAIL SECTION

	Segment group 26	M	200000		26
LIN	Line item	M	1		26
PIA	Additional product id	O	25		26
IMD	Item description	O	99		26
MEA	Measurements	O	99		26
QTY	Quantity	O	99		26
PCD	Percentage details	O	5		26
ALI	Additional information	O	5		26
DTM	Date/time/period	O	35		26
MOA	Monetary amount	O	10		26
GIS	General indicator	O	99		26
GIN	Goods identity number	O	1000		26
GIR	Related identification numbers	O	1000		26
QVR	Quantity variances	O	1		26
DOC	Document/message details	O	99		26
PAI	Payment instructions	O	1		26
FTX	Free text	O	99		26
	Segment group 27	O	999	27	26
CCI	Characteristic/class id	M	1	27	26
CAV	Characteristic value	O	10	27	26
MEA	Measurements	O	10	27	26
	Segment group 28	O	10	28	26
PAT	Payment terms basis	M	1	28	26
DTM	Date/time/period	O	5	28	26
PCD	Percentage details	O	1	28	26
MOA	Monetary amount	O	1	28	26
	Segment group 29	O	1	29	26
AJT	Adjustment details	M	1	29	26
FTX	Free text	O	5	29	26
	Segment group 30	O	25	30	26
PRI	Price details	M	1	30	26
CUX	Currencies	O	1	30	26
APR	Additional price information	O	1	30	26
RNG	Range details	O	1	30	26
DTM	Date/time/period	O	5	30	26
	Segment group 31	M	9999	31	26
RFF	Reference	M	1	31	26
DTM	Date/time/period	O	5	31	26
	Segment group 32	O	99	32	26
PAC	Package	M	1	32	26
MEA	Measurements	O	5	32	26
QTY	Quantity	O	5	32	26
DTM	Date/time/period	O	5	32	26
	Segment group 33	O	1	33	26
RFF	Reference	M	1	33	26

DTM	Date/time/period	O	5	33	32	26
					32	26
	Segment group 34	O	99	34	32	26
PCI	Package identification	M	1	34	32	26
RFF	Reference	O	1	34	32	26
DTM	Date/time/period	O	5	34	32	26
GIN	Goods identity number	O	99	34	32	26
						26
	Segment group 35	O	9999		35	26
LOC	Place/location identification	M	1		35	26
QTY	Quantity	O	1		35	26
PCD	Percentage details	O	1		35	26
DTM	Date/time/period	O	5		35	26
						26
	Segment group 36	O	10		36	26
TAX	Duty/tax/fee details	M	1		36	26
MOA	Monetary amount	O	1		36	26
LOC	Place/location identification	O	5		36	26
						26
	Segment group 37	O	999		37	26
NAD	Name and address	M	1		37	26
LOC	Place/location identification	O	5		37	26
FII	Financial institution information	O	5		37	26
					37	26
	Segment group 38	O	99	38	37	26
RFF	Reference	M	1	38	37	26
DTM	Date/time/period	O	5	38	37	26
					37	26
	Segment group 39	O	5	39	37	26
DOC	Document/message details	M	1	39	37	26
DTM	Date/time/period	O	5	39	37	26
					37	26
	Segment group 40	O	5	40	37	26
CTA	Contact information	M	1	40	37	26
COM	Communication contact	O	5	40	37	26
						26
	Segment group 41	O	99		41	26
ALC	Allowance or charge	M	1		41	26
ALI	Additional information	O	5		41	26
DTM	Date/time/period	O	5		41	26
					41	26
	Segment group 42	O	1	42	41	26
QTY	Quantity	M	1	42	41	26
RNG	Range details	O	1	42	41	26
					41	26
	Segment group 43	O	1	43	41	26
PCD	Percentage details	M	1	43	41	26
RNG	Range details	O	1	43	41	26
					41	26
	Segment group 44	O	2	44	41	26
MOA	Monetary amount	M	1	44	41	26
RNG	Range details	O	1	44	41	26
					41	26
	Segment group 45	O	1	45	41	26
RTE	Rate details	M	1	45	41	26
RNG	Range details	O	1	45	41	26
					41	26
	Segment group 46	O	5	46	41	26
TAX	Duty/tax/fee details	M	1	46	41	26
MOA	Monetary amount	O	1	46	41	26

						26
	Segment group 47	O	10		47	26
TDT	Details of transport	M	1		47	26
					47	26
	Segment group 48	O	10	48	47	26
LOC	Place/location identification	M	1	48	47	26
DTM	Date/time/period	O	5	48	47	26
						26
	Segment group 49	O	5		49	26
TOD	Terms of delivery or transport	M	1		49	26
LOC	Place/location identification	O	2		49	26
						26
	Segment group 50	O	10		50	26
EQD	Equipment details	M	1		50	26
HAN	Handling instructions	O	5		50	26
MEA	Measurements	O	5		50	26
FTX	Free text	O	5		50	26
						26
	Segment group 51	O	100		51	26
SCC	Scheduling conditions	M	1		51	26
FTX	Free text	O	5		51	26
RFF	Reference	O	5		51	26
					51	26
	Segment group 52	O	10	52	51	26
QTY	Quantity	M	1	52	51	26
DTM	Date/time/period	O	5	52	51	26
						26
	Segment group 53	O	999		53	26
RCS	Requirements and conditions	M	1		53	26
RFF	Reference	O	5		53	26
DTM	Date/time/period	O	5		53	26
FTX	Free text	O	99999		53	26
						26
	Segment group 54	O	10		54	26
STG	Stages	M	1		54	26
					54	26
	Segment group 55	O	3	55	54	26
QTY	Quantity	M	1	55	54	26
MOA	Monetary amount	O	1	55	54	26

SUMMARY SECTION

UNS	Section control	M	1			
MOA	Monetary amount	O	12			
CNT	Control total	O	10			
	Segment group 56	C	10			56
ALC	Allowance or charge	M	1			56
ALI	Additional informatin	C	1			56
MOA	Monetary amount	M	2			56
UNT	Message trailer	M	1			



UNB Interchange Header		M	1		
Function To start, identify and specify an interchange					
S001	SYNTAX IDENTIFIER	M	1		
0001	Syntax identifier	M		an..4	UNOC
0002	Syntax version number	M		a..1	1
S002	INTERCHANGE SENDER	M	1		
0004	Sender identification	M		an..35	your sender id
0007	Partner identification	M		an..4	your partner id
0008	Adress for reverse routing	O		an..14	
S003	INTERCHANGE RECIPIENT	M	1		
0010	Recipient Identification	M		an..35	ECCREX
0007	Partner identification	M		an..4	ZZ
0014	Routing adress	O		an..14	
S004	DATE/TIME OF PREPARATION	M	1		
0017	Date	M		n..6	YYMMDD
0019	Time	M		n..4	HHMM
0020	INTERCHANGE CONTROL REFERENCE	M	1	an..14	unique reference assigned by sender
S005	RECIPIENTS REFERENCE, PASSWORD	O	1		
0022	Recipients reference, password	M		an..14	as specified
0025	Recipients reference, password qualifier	O		an..2	
0026	APPLICATION REFERENCE	O	1	an..14	
0029	PROCESSING PRIORITY CODE	O	1	an..1	
0031	ACKNOWLEDGEMENT REQUEST	O	1	n..1	
0032	COMMUNICATIONS AGREEMENT ID	O	1	an..35	
0035	TEST INDICATOR	O	1	n..1	

Example: UNB+UNOA:1+123456:AB+ECCREX:ZZ+030905:1058+1024+1024'



UNH		Message header		M	1	
Function: To head, identify and specify a message						
0062	MESSAGE REFERENCE NUMBER	M		an..14	Contains a unique alphanumeric identification of a message	
S009						
MESSAGE IDENTIFIER		M	1			
0065	Message type	M		an..6	ORDRSP	
0052	Message version number	M		an..3	D	
0054	Message release number	M		an..3	99B	
0051	Controlling agency	M		an..2	UN	
0057	Association assigned code	O		an..6		
S010						
STATUS OF THE TRANSFER		O			1	
0070	Sequence of transfers	M		n..2		
0073	First and last transfer	O				

Example: UNH+00002406000001+ORDRSP:D:99B:UN'



BGM		Beginn of Message		M	1	
Function: The segment is used to transfer the order number						
C002	DOCUMENT/MESSAGE NAME	O	1			
1001	Document name code	M		an..3		231 = Purchase Order Response
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
1000	Document name	O		an..3		
C106	DOCUMENT/MESSAGE IDENTIFICATION	O	1			
1004	Document/message number	M		an..3		Document message number
1056	Version	O		an..9		
1060	Revision number	O		an..6		
1225	MESSAGE FUNCTION CODE	M	1	an..3		11 = Response
4343	RESPONSE TYPE CODE	O	1	an..3		

Example: BGM+231+0044090225'



DTM		Date / Time / Period		M	35
Function: To specify date, and/or time, or period.					
C507	DATE/TIME/PERIOD	M	1		
2005	Date/time/period function code qualifier	M		an..3	2 = requested delivery date 137 = document/message date
2380	Date/time/period value	M		an..35	
2379	Date/time/period format code	M		an..3	"102" = YYYYMMDD

Example: DTM+2:20031103:102'



FTX Free text		O 99			
Function: Free text					
4451	TEXT SUBJECT CODE QUALIFIER	M	1	an..3	AAI = general information
4453	TEXT FUNCTION, CODED	O	1	an..3	
C107	TEXT REFERENCE	O	1		
4441	Free text value code	M		an..17	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
C108	TEXT LITERAL	O	1		
4440	Free text value	M		an..512	additonal text
4440	Free text value	O		an..512	additonal text
4440	Free text value	O		an..512	additonal text
4440	Free text value	O		an..512	additonal text
4440	Free text value	O		an..512	additonal text
3453	LANGUAGE NAME CODE	O	1	an..3	DE = German EN = English FR = French
4447	TEXT FORMATTING, CODED	O	1	an..3	

Example: FTX+AAI+++*****.* VERPACKUNGSVORSCHRIFT *



Segmentgroup: 1 (M)

RFF		Reference		M	9999
Function: To specify a reference.					
C506	REFERENCE	M	1		
1153	Reference function code qualifier	M		an..3	(M) ON = order number (customer) (M) VN = order number (vendor)
1154	Reference identifier	M		an..35	document number
1156	Line number	O		an..6	
4000	Reference version identifier	O		an..35	
1060	Revision number	O		an..6	

Example: RFF+VN:1000163620'



Segmentgroup: 1 (O)

DTM		Date / Time / Period		O	5
Function: To specify date, and/or time, or period.					
C507	DATE/TIME/PERIOD	M	1		
2005	Date/time/period function code qualifier	M		an..3	4 = order date
2380	Date/time/period value	M		an..35	date
2379	Date/time/period format code	M		an..3	"102" = YYYYMMDD

Example: DTM+4:20031103:102'



Segmentgroup: 3 (M)

NAD		Name and address		M	99	
Function: To specify the name/address and their related function						
3035	PARTY FUNCTION CODE QUALIFIER	M	1	an..3		(M) SU = supplier (M) BY = buyer (O) CA = carrier (O) CN = consignee (ship to) (O) PK = contact party (O) PR = payer (O) BT = party to be billed (bill-to party)
C082	PARTY IDENTIFICATION DETAILS	O	1			
3039	Party identifier	M		an..35		party identification
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
C058	NAME AND ADDRESS	O	1			
3124	Name and address line	M		an..35		
3124	Name and address line	O		an..35		
3124	Name and address line	O		an..35		
3124	Name and address line	O		an..35		
3124	Name and address line	O		an..35		
C080	PARTY NAME	O	1			
3036	Party name	M		an..35		name1
3036	Party name	O		an..35		name2
3036	Party name	O		an..35		name3
3036	Party name	O		an..35		name4
3036	Party name	O		an..35		
3045	Party name format code	O		an..3		
C059	STREET	O	1			
3042	Street and number/p.o. box	M		an..35		street an number or P.O. box
3042	Street and number/p.o. box	O		an..35		street an number or P.O. box
3042	Street and number/p.o. box	O		an..35		P.O. box
3042	Street and number/p.o. box	O		an..35		
3164	CITY NAME	O	1	an..35		city
C819	COUNTRY SUB-ENTITY DETAILS	O	1			
3229	Country sub-entity name code	O		an..9		
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
3228	Country sub-entity name	O		an..35		
3251	POSTAL IDENTIFICATION CODE	O	1	an..17		postcode identification
3207	COUNTRY NAME CODE	M	1	an..3		DE = German EN = English FR = French (other ISO-Codes can be agreed)

Example: NAD+BY+0001234567++TESTPARTNER+MAIN STREET 8+BERLIN++12345+DE'



Segmentgroup: 3 (M)

LOC Place/location identification O 25					
Function: To identify a place or a location					
3227	LOCATION FUNCTION CODE QUALIFIER	M	1	an..3	7 = place of delivery
C517 LOCATION IDENTIFICATION O 1					
3225	Location name code	M		an..25	place of location
1131	Code list identification code	C		an..3	
3055	Code list responsible agency code	C		an..3	
3224	Location name	C		an..256	
C519 RELATED LOCATION ONE IDENTIFICATION O 1					
3223	Related place/location one identification	O		an..25	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	M		an..3	92 = assigned by customer
3222	Related place/location one	O		an..70	
C553 RELATED LOCATION TWO IDENTIFICATION O 1					
3233	Related place/location two identification	O		an..25	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
3232	Related place/location two	O		an..70	
5479	RELATION, CODED	O	1	an..3	

Example: LOC+7+W123+92



Segmentgroup: 3 (M)

Segmentgroup: 4 (O)

RFF		Reference		M	99
Function: To specify a reference.					
C506	REFERENCE	M	1		
1153	Reference function code qualifier	M		an..3	SD = Sales Department ADT = Group Account ADJ = disposing office ADK = delivering plant TN = transaction reference number IT = internal customer number BR = broker or sales office BN = company code AEU = supplier control number AEF = customer process specification
1154	Reference identifier	M		an..35	reference id
1156	Line number	O		an..6	
4000	Reference version identifier	O		an..35	
1060	Revision number	O		an..6	

Example: RFF+TN:10'



Segmentgroup: 3 (M)

Segmentgroup: 6 (O)

CTA Contact information		M	5		
Function: To identify a person or a department					
3139	CONTACT FUNCTION CODE	M	1	an..3	IC = Information contact
C056 DEPARTMENT OR EMPLOYEE DETAILS					
3413	Department or employee identification	M		an..17	name or identification
3412	Department or employee	O		an..35	

Example: CTA+IC+Bauer'



Segmentgroup: 3 (M)

Segmentgroup: 6 (O)

COM		Communication contact		O	5
Function: To identify a communication number					
C076	COMMUNICATION CONTACT	M	3		
3148	Communication number	M		an..512	Phone Fax E-Mail
3155	Communication number code qualifier	M		an..3	FX = fax TE = telephone EM = electronic mail

Example: COM+09352 18 1845:TE'



Segmentgroup: 8 (O)

CUX Currencies		M	5		
Function: To specify currencies used in the transaction					
C504	CURRENCY DETAILS	O	1		
6347	Currency details qualifier	M		an..3	2 = reference currency
6345	Currency identification code	M		an..3	EUR = Euro (all ISO-codes can be used)
6343	Currency qualifier	M		an..3	9 = order currency
6348	Currency rate base	O		n..4	
C504	CURRENCY DETAILS	O	1		
6347	Currency details qualifier	M		an..3	
6345	Currency identification code	O		an..3	
6343	Currency qualifier	O		an..3	
6348	Currency rate base	O		n..4	
5402	RATE OF EXCHANGE	O	1	n..12	
6341	EXCHANGE RATE CURR. MARKET IDENTIFIER	O	1	an..3	

Example: CUX+2:EUR:9'


Segment Group 10 (O)

TDT		Details of transport		O	1	
Function: To specify the transport details						
8051	TRANSPORT STAGE CODE QUALIFIER	M	1	an..3	"XX" - fix value	
8028	CONVEYANCE REFERENCE NUMBER	O	1	an..17		
C220	MODE OF TRANSPORT	O	1			
8067	Transport mode name code	M		an..3	1 = seafreight 2 = train 3 = truck 4 = airfreight 5 = mail 9 = express	
8066	Transport mode name	M		an..17	transport mode - short text	
C228	TRANSPORT MEANS	O	1			
8179	Transport means description code	O		an..8		
8178	Transport means description	O		an..17		
C040	CARRIER	O	1			
3127	Carrier identification	O		an..17		
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
3128	Carrier name	O		an..35		
8101	TRANSIT DIRECTION INDICATOR CODE	O	1	an..3		
C401	EXCESS TRANSPORTATION INFORMATION	O	1			
8457	Excess transportation reason, coded	M		an..3		
8459	Excess transportation responsibility, coded	M		an..3		
7130	Customer authorization number	O		an..17		
C222	TRANSPORT IDENTIFICATION	O	1			
8213	Transport means identification name identifier	O		an..9		
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
8212	Transport means identification name	O		an..35		
8453	Nationality of means of transport, coded	O		an..3		

Example: TDT+XX++01:seafreight'



Segmentgroup: 26 (M)

LIN		Line item		M 9999	
Function: To identify a line item and configuration					
1082	LINE ITEM NUMBER	M	1	an..6	line item number
1229	ACTION DESCRIPTION CODE	M	1	an..3	001
C212	ITEM NUMBER IDENTIFICATION	O	1		
7140	Item number	M		an..35	customer article number
7143	Item type identification code	M		an..3	"BP" = buyer's part number
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
C829	SUB-LINE INFORMATION	O	1		
5495	Sub-line indicator, coded	O		an..3	1 = sub line information
1082	Line item number	O		an..6	line number
1222	CONFIGURATION LEVEL	O	1	n..2	
7083	CONFIGURATION, CODED	O	1	an..3	

Example: LIN+1+1+R123456789:BP'



Segmentgroup: 26 (M)

PIA Additional product id O 25					
Function: To specify additional or substitutional item identification codes					
4347	PRODUCT ID. FUNCTION QUALIFIER	M	1	an..3	5 = product identification
C212	ITEM NUMBER IDENTIFICATION	M	1		
7140	Item number	M		an..35	item number of vendor
7143	Item type identification code	M		an..3	"SA" = supplier's article number
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
C212	ITEM NUMBER IDENTIFICATION	O	1		
7140	Item number	O		an..35	
7143	Item type identification code	O		an..3	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
C212	ITEM NUMBER IDENTIFICATION	O	1		
7140	Item number	O		an..35	
7143	Item type identification code	O		an..3	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
C212	ITEM NUMBER IDENTIFICATION	O	1		
7140	Item number	O		an..35	
7143	Item type identification code	O		an..3	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
C212	ITEM NUMBER IDENTIFICATION	O	1		
7140	Item number	O		an..35	
7143	Item type identification code	O		an..3	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	

Example: PIA+5+246810:SA'



Segmentgroup: 26 (M)

IMD		Item description		O	99	
Function: To describe an item						
7077	ITEM DESCRIPTION TYPE, CODED	M	1	an..3	"F" = free-form	
C272	ITEM CHARACTERISTIC	M	1			
7081	Item characteristic code	M		an..3	"8" = product	
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	M		an..3	91 = assigned by seller	
C273	ITEM DESCRIPTION	O	1			
7009	Item description identification	O		an..17		
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
7008	Item description	M		an..256	Item description	
7008	Item description	O		an..256	Item description	
3453	Language name code	O		an..3		
7383	SURFACE/LAYER CODE	O	1	an..3		

Example: IMD+F+8::91+:::TESTMATERIAL'



Segmentgroup: 26 (M)

QTY		Quantity		M	99
Function: To specify a quantity					
C186	QUANTITY DETAILS	M	1		
6063	Quantity type code qualifier	M		an..3	(O) 21 = ordered quantity (M) 131 = delivery quantity
6060	Quantity	M		an..35	CMT = centimeter GRM = gram LTR = litre MTR = metre MLT = millimetre NMP = package NPL = parcel PCE = piece BAR = plate KGM = kilogram
6411	Measurement unit code	M		an..3	

Example: QTY+21:2:PCE'



Segmentgroup: 26 (M)

DTM		Date / Time / Period		M	35
Function: To specify date, and/or time, or period.					
C507	DATE/TIME/PERIOD	M	1		
2005	Date/time/period function code qualifier	M		an..3	(M) 2 = requested delivery date (M) 69 = promised delivery date (O) 97 = transaction creation date
2380	Date/time/period value	M		an..35	
2379	Date/time/period format code	M		an..3	"102" = YYYYMMDD

Example: DTM+2:20031224:102'



Segmentgroup: 26 (M)

MOA Monetary amount		O	10		
Function: To specify a monetary amount					
C516	MONETARY AMOUNT	M	1		
5025	Monetary amount type code qualifier	M		an..3	"203" = line item ammount
5004	Monetary amount value	M		n..35	amount
6345	Currency identification code	O		an..3	
6343	Currency qualifier	O		an..3	
4405	Status description code	O		an..3	

Example: MOA+203:147.50'


Segmentgroup: 26 (M)

FTX		Free text		O	99	
Function: Free text						
4451	TEXT SUBJECT CODE QUALIFIER	M	1	an..3	LIN = line item text	
4453	TEXT FUNCTION, CODED	M	1	an..3		
C107	TEXT REFERENCE	O	1			
4441	Free text value code	M		an..17		
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
C108	TEXT LITERAL	O	1			
4440	Free text value	M		an..512	additonal text	
4440	Free text value	O		an..512	additonal text	
4440	Free text value	O		an..512	additonal text	
4440	Free text value	O		an..512	additonal text	
4440	Free text value	O		an..512	additonal text	
3453	LANGUAGE NAME CODE	M	1	an..3	DE = German EN = English FR = French (other ISO-Codes agreeable)	
4447	TEXT FORMATTING, CODED	O	1	an..3		

Example: FTX+LIN+++SOME COMMENTS+DE'



Segmentgroup: 26 (M)

Segmentgroup: 27 (O)

CCI		Characteristic/class id		M	999	
Function: To identify and describe a specific characteristic						
7059	CLASS TYPE CODE	M	1	an..3	3 = component of measurable quantity	
C502	MEASUREMENT DETAILS	O	1			
6313	Measured attribute code	M		an..3	ZZZ = mutual defined (... further codes can be agreed)	
6321	Measurement significance, coded	O		an..3	4 = equal to (=)	
6155	Non-discrete measurement name code	O		an..17		
6154	Non-discrete measurement name	M		an..70	text	
C240	PRODUCT CHARACTERISTIC	O	1			
7037	Characteristic description code	M		an..17		
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
7036	Characteristic description	O		an..35		
7036	Characteristic description	O		an..35		
4051	CHARACTERISTIC RELEVANCE, CODED	M	1	an..3	2 = required within orders	

Example: CCI+3+ZZZ:4::stroke++2'



Segmentgroup: 26 (M)

Segmentgroup: 27 (O)

CAV Characteristic value		M	10		
Function: To provide the value of a characteristic					
C889	CHARACTERISTIC VALUE	M	1		
7111	Characteristic value, coded	O		an..3	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	M		an..3	91 = assigned by seller 92 = assigned by buyer
7110	Characteristic value	M		an..35	value
7110	Characteristic value	O		an..35	

Example: CAV+::92:1200'



Segmentgroup: 26 (M)

Segmentgroup: 27 (O)

MEA Measurements		O	10		
Function: To identify and describe a specific characteristic					
6311	MEASUREMENT ATTRIBUTE CODE	M	1	an..3	AAA = line item measurement
C502	MEASUREMENT DETAILS	O	1		
6313	Measured attribute code	O		an..3	
6321	Measurement significance, coded	O		an..3	
6155	Non-discrete measurement name code	O		an..1	CMT = centimeter GRM = gram LTR = litre MTR = metre MLT = millimetre NMP = package NPL = parcel PCE = piece BAR = plate KGM = kilogram
6154	Non-discrete measurement name	O		an..7	
C174	VALUE/RANGE	O	1		
6411	Measurement unit code	M		an..3	
6314	Measurement value	O		an..18	
6162	Range minimum	O		n..18	
6152	Range maximum	O		n..18	
6432	Significant digits	O		n..2	
7383	SURFACE/LAYER CODE	O	1	an..3	

Example: MEA+AAA+::MLT'



Segmentgroup: 26 (M)

Segmentgroup: 30 (O)

PRI Price details		M	25		
Function: To specify price information.					
C509	PRICE INFORMATION	M	1		
5125	Price qualifier	M		an..3	AAA = net price
5118	Price	M		n..15	
5375	Price type, coded	O		an..3	
5387	Price specification code	O		an..3	
5284	Unit price basis	M		n..9	
6411	Measurement unit code	M		an..3	
5213	SUB-LINE PRICE CHANGE, CODED	O	1	an..3	

Example: PRI+AAA:4342.84:::1:PCE'



Segmentgroup: 26 (M)

Segmentgroup: 31 (M)

RFF		Reference		M	9999
Function: To specify a reference.					
C506	REFERENCE	M	1		
1153	Reference function code qualifier	M		an..3	<input type="radio"/> AAG = offer number <input type="radio"/> ACE = related document no. <input type="radio"/> OP = original purchase order <input checked="" type="radio"/> ON = order number (customer) <input checked="" type="radio"/> VN = order number (vendor) <input type="radio"/> SRN = shipment reference no.
1154	Reference identifier	M		an..35	offer number, shipment ref., ...
1156	Line number	M		an..6	line number
4000	Reference version identifier	O		an..35	
1060	Revision number	O		an..6	

Example: RFF+ON:4500012345:10'



Segmentgroup: 26 (M)

Segmentgroup: 31 (O)

DTM	Date / Time / Period	O	5
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Function: To specify date, and/or time, or period.

C507	DATE/TIME/PERIOD	M	1		
2005	Date/time/period function code qualifier	M		an..3	137 = document/message date
2380	Date/time/period value	M		an..35	date
2379	Date/time/period format code	M		an..3	"102" = YYYYMMDD



Segmentgroup: 26 (M)

Segmentgroup: 51 (O) (only to be used in case of shared deliveries)

SCC Scheduling conditions		O	999		
Function: Scheduling conditions especial for shared delivery					
4017	Delivery plan status indicator, coded	M		an..3	1 = Firm
4493	Delivery requirements, coded	C		an..3	
C329	PATTERN DESCRIPTION	C	1		
2013	Frequency, coded	C		an..3	
2015	Despatch pattern, coded	C		an..3	
2017	Despatch pattern timing, coded	C		an..3	

Example: SCC+1'



Segmentgroup: 26 (M)					
Segmentgroup: 51 (O)					
Segmentgroup: 52 (O) (only to be used in case of shared deliveries)					
QTY	Quantity	O	1		
Function: To specify a quantity					
C186	QUANTITY DETAILS	M	1		
6063	Quantity type code qualifier	M		an..3	131 = delivery quantity
6060	Quantity	M		an..35	
6411	Measurement unit code	O		an..3	CMT = centimeter GRM = gram LTR = litre MTR = metre MLT = millimetre NMP = package NPL = parcel PCE = piece BAR = plate KGM = kilogram ... any ISO-Code

Example: QTY+131:2:PCE'



Segmentgroup: 26 (M)					
Segmentgroup: 51 (O)					
Segmentgroup: 52 (O) (only to be used in case of shared deliveries)					
DTM	Date / Time / Period	M	1		
Function: To specify date, and/or time, or period.					
C507	DATE/TIME/PERIOD	M	1		
2005	Date/time/period function code qualifier	M		an..3	69 = promised delivery date
2380	Date/time/period value	M		an..35	
2379	Date/time/period format code	M		an..3	"102" = YYYYMMDD

Example: DTM+69:20031224:102'



UNS	Section control	M	1	
Function: Section Control				
0081	Section identification	M	1	1 S = detail/summary separation

Example: UNS+S'



MOA Monetary amount		O	12		
Function: Monetary amount					
C516	MONETARY AMOUNT	M	1		
5025	Monetary amount type code qualifier	M		an..3	170 = document amount (net)
5004	Monetary amount value	M		n..35	amount
6345	Currency identification code	O		an..3	
6343	Currency qualifier	O		an..3	
4405	Status description code	O		an..3	

Example: MOA+170:123.50'



CNT Control total		O	10		
Function: number of line items					
C270	CONTROL	M	1		
6069	Control total type code qualifier	M		an..3	2 = number of line items
6066	Control value	M		n..18	
6411	Measurement unit code	O		an..3	

Example: CNT+2:1'



UNT		Message trailer		M	1	
Function: To end and check the completeness of a message						
0074	NUMBER OF SEGMENTS IN THE MESSAGE	M	1	n..6	number of segments	
0062	MESSAGE REFERECNCE NUMBER	M	1	an..14	message reference (like UNH)	

Example: UNT+76+00002406000001'



UNZ Interchange trailer		M	1		
Function: To end and check the completeness of an interchange					
0036	INTERCHANGE CONTROL COUNT	M	1	n..6	The count of the number of messages
0020	INTERCHANGE CONTROL REFERENCE	M	1	an..14	identical to 0020 in UNB

Example: UNZ+2+1024'



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