

**Rexroth**  
Bosch Group

# **EDI - Guide**

## **DELFOR UN D99B**



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## 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.

Segment	Content	M/O	Length	Group6	Group5	Group4	Group3	Group2	Group1
UNH	Message header	M	1						
BGM	Beginning of message	M	1						
DTM	Date/time/period	M	10						
FTX	Free text	C	5						
	Segment group 1	C	10						1
RFF	Reference	M	1						1
DTM	Date/time/period	C	1						1
	Segment group 2	C	99						2
NAD	Name and address	M	1						2
									2
	Segment group 3	C	10					3	2
RFF	Reference	M	1					3	2
DTM	Date/time/period	C	1					3	2
									2
	Segment group 4	C	5					4	2
CTA	Contact information	M	1					4	2
COM	Communication contact	C	5					4	2
	Segment group 5	C	10						5
TDT	Details of transport	M	1						5
DTM	Date/time/period	C	5						5
	Segment group 6	C	9999						6
GIS	General indicator	M	1						6
									6
	Segment group 7	C	1					7	6
NAD	Name and address	M	1					7	6
LOC	Place/location identification	C	10					7	6
FTX	Free text	C	5					7	6
								7	6
	Segment group 8	C	10				8	7	6
RFF	Reference	M	1				8	7	6
DTM	Date/time/period	C	1				8	7	6
								7	6
	Segment group 9	C	10				9	7	6
DOC	Document/message details	M	1				9	7	6
DTM	Date/time/period	C	10				9	7	6
								7	6
	Segment group 10	C	5				10	7	6
CTA	Contact information	M	1				10	7	6
COM	Communication contact	C	5				10	7	6
								7	6
	Segment group 11	C	10				11	7	6
TDT	Details of transport	M	1				11	7	6
DTM	Date/time/period	C	5				11	7	6
								7	6
	Segment group 12	C	9999					12	6

LIN	Line item	M	1				12	6
PIA	Additional product id	C	10				12	6
IMD	Item description	C	10				12	6
MEA	Measurements	C	5				12	6
ALI	Additional information	C	5				12	6
GIN	Goods identity number	C	999				12	6
GIR	Related identification numbers	C	999				12	6
LOC	Place/location identification	C	999				12	6
DTM	Date/time/period	C	5				12	6
FTX	Free text	C	5				12	6
	Segment group 13	C	10			13	12	6
RFF	Reference	M	1			13	12	6
DTM	Date/time/period	C	1			13	12	6
	Segment group 14	C	10			14	12	6
TDT	Details of transport	M	1			14	12	6
TMD	Transport movement details	C	1			14	12	6
DTM	Date/time/period	C	5			14	12	6
	Segment group 15	C	99			15	12	6
QTY	Quantity	M	1			15	12	6
DTM	Date/time/period	C	2			15	12	6
	Segment group 16	C	10			16	15	12
RFF	Reference	M	1			16	15	12
DTM	Date/time/period	C	1			16	15	12
	Segment group 17	C	999			17	12	6
SCC	Scheduling conditions	M	1			17	12	6
	Segment group 18	C	999			18	17	12
QTY	Quantity	M	1			18	17	12
DTM	Date/time/period	C	2			18	17	12
	Segment group 19	C	10		19	18	17	12
RFF	Reference	M	1		19	18	17	12
DTM	Date/time/period	C	1		19	18	17	12
	Segment group 20	C	99			20	12	6
PAC	Package	M	1			20	12	6
MEA	Measurements	C	10			20	12	6
QTY	Quantity	C	5			20	12	6
DTM	Date/time/period	C	5			20	12	6
	Segment group 21	C	10			21	20	12
PCI	Package identification	M	1			21	20	12
GIN	Goods identity number	C	10			21	20	12
	Segment group 22	C	999			22	12	6
NAD	Name and address	M	1			22	12	6
LOC	Place/location identification	C	10			22	12	6
FTX	Free text	C	5			22	12	6
	Segment group 23	C	10			23	22	12
DOC	Document/message details	M	1			23	22	12

DTM	Date/time/period	C	1	23	22	12	6
					22	12	6
	Segment group 24	C	5	24	22	12	6
CTA	Contact information	M	1	24	22	12	6
COM	Communication contact	C	5	24	22	12	6
					22	12	6
	Segment group 25	C	10	25	22	12	6
QTY	Quantity	M	1	25	22	12	6
DTM	Date/time/period	C	2	25	22	12	6
				25	22	12	6
	Segment group 26	C	10	26	25	22	6
RFF	Reference	M	1	26	25	22	6
DTM	Date/time/period	C	1	26	25	22	6
					22	12	6
	Segment group 27	M	999	27	22	12	6
SCC	Scheduling conditions	M	1	27	22	12	6
				27	22	12	6
	Segment group 28	M	999	28	27	22	6
QTY	Quantity	M	1	28	27	22	6
DTM	Date/time/period	C	2	28	27	22	6
				28	27	22	6
	Segment group 29	C	10	29	28	27	6
RFF	Reference	M	1	29	28	27	6
DTM	Date/time/period	C	1	29	28	27	6
					22	12	6
	Segment group 30	C	10	30	22	12	6
TDT	Details of transport	M	1	30	22	12	6
DTM	Date/time/period	C	5	30	22	12	6
UNT	Message trailer	M	1				



<b>UNB Interchange Header</b>		<b>M</b>	<b>1</b>		
Function To start, identify and specify an interchange					
<b>S001</b>	<b>SYNTAX IDENTIFIER</b>	<b>M</b>	<b>1</b>		
0001	Syntax identifier	M		an..4	UNOC
0002	Syntax version number	M		a..1	3
<b>S002</b>	<b>INTERCHANGE SENDER</b>	<b>M</b>	<b>1</b>		
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	
<b>S003</b>	<b>INTERCHANGE RECIPIENT</b>	<b>M</b>	<b>1</b>		
0010	Recipient Identification	M		an..35	ECCREX
0007	Partner identification	M		an..4	ZZ
0014	Routing adress	O		an..14	
<b>S004</b>	<b>DATE/TIME OF PREPARATION</b>	<b>M</b>	<b>1</b>		
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
<b>S005</b>	<b>RECIPIENTS REFERENCE, PASSWORD</b>	<b>O</b>	<b>1</b>		
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'



<b>UNH</b>		<b>Message header</b>		<b>M</b>	<b>1</b>	
Function: To head, identify and specify a message						
0062	MESSAGE REFERENCE NUMBER	M		an..14	Contains a unique alphanumeric identification of a message	
<b>S009</b>	<b>MESSAGE IDENTIFIER</b>	<b>M</b>	<b>1</b>			
0065	Message type	M		an..6	DELFOR	
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		
0068	COMMON ACCESS REFERENCE	O		an..35		
<b>S010</b>	<b>STATUS OF THE TRANSFER</b>	<b>O</b>			<b>1</b>	
0070	Sequence of transfers	M		n..2		
0073	First and last transfer	O				

**Example:** UNH+00002406000001+DELFOR:D:99B:UN'



<b>BGM</b>		<b>BEGINNING OF MESSAGE</b>		<b>M</b>	<b>1</b>	
Function: To indicate the type and function of a message and to transmit the identifying number.						
<b>C002</b>	<b>DOCUMENT/MESSAGE NAME</b>	<b>M</b>	<b>1</b>			
1001	Document name code	M		an..3	241 = delivery schedule	
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
1000	Document name	O		an..35		
<b>C106</b>	<b>DOCUMENT/MESSAGE IDENTIFICATION</b>	<b>M</b>	<b>1</b>			
1004	Document/message number	M		an..35	document number	
1056	Version	O		an..9		
1060	Revision number	O		an..6		
1225	MESSAGE FUNCTION CODE	O	1	an..3	9 = original	
4343	RESPONSE TYPE CODE	O	1	an..3		

Example: **BGM+241::5+0001400015::9'**





<b>DTM</b>		<b>DATE/TIME/PERIOD</b>		<b>M</b>	<b>10</b>
Function: To specify date, and/or time, or period.					
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>		
2005	Date/time/period function code qualifier	M		an..3	137 = document/message date
2380	Date/time/period value	O		an..35	date
2379	Date/time/period format code	O		an..3	102 = YYYYMMDD

Example: DTM+173:20040229:102'



<b>FTX</b>		<b>Free text</b>		<b>O</b>	<b>99</b>	
Function: Free text						
4451	TEXT SUBJECT CODE QUALIFIER	M	1	an..3	AAI = general information	
4453	TEXT FUNCTION, CODED	O	1	an..3		
<b>C107</b>	<b>TEXT REFERENCE</b>	<b>O</b>	<b>1</b>			
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		
<b>C108</b>	<b>TEXT LITERAL</b>	<b>O</b>	<b>1</b>			
4440	Free text value	M		an..512	aditonal text	
4440	Free text value	O		an..512	aditonal text	
4440	Free text value	O		an..512	aditonal text	
4440	Free text value	O		an..512	aditonal text	
4440	Free text value	O		an..512	aditonal 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+++additional text'



## Segment Group: 1 (M)

<b>RFF</b>		<b>REFERENCE</b>		<b>O</b>	<b>10</b>
Function: To specify a reference.					
<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>1</b>		
1153	Reference function code qualifier	M		an..3	ON = order number
1154	Reference identifier	O		an..35	no. of master agreement
1156	Line number	O		an..6	
4000	Reference version identifier	O		an..35	
1060	Revision number	O		an..6	

Example: RFF+ON:5500058126'



## Segment Group: 1 (M)

<b>DTM</b>		<b>DATE/TIME/PERIOD</b>		<b>C</b>	<b>1</b>
Function: To specify date, and/or time, or period.					
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>		
2005	Date/time/period function code qualifier	M		an..3	4 = order date
2380	Date/time/period value	O		an..35	date of master agreement
2379	Date/time/period format code	O		an..3	102 = YYYYMMDD

Example: DTM+137:20040229:102'



## Segment Group: 2 (M)

<b>NAD</b>		<b>NAME AND ADDRESS</b>		<b>M</b>	<b>99</b>	
Function: To specify the name/address and their related function						
3035	PARTY FUNCTION CODE QUALIFIER	M	1	an..3	(M) BY = buyer (M) SU = supplier (O) BT = party to be billed (O) CA = carrier	
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>O</b>	<b>1</b>			
3039	Party identifier	M		an..35	partner number	
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>O</b>	<b>1</b>			
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		
<b>C080</b>	<b>PARTY NAME</b>	<b>O</b>	<b>1</b>			
3036	Party name	M		an..35	partner name	
3036	Party name	O		an..35		
3036	Party name	O		an..35		
3036	Party name	O		an..35		
3036	Party name	O		an..35		
3045	Party name format code	O		an..3		
<b>C059</b>	<b>STREET</b>	<b>O</b>	<b>1</b>			
3042	Street and number/p.o. box	M		an..35	street	
3042	Street and number/p.o. box	O		an..35		
3042	Street and number/p.o. box	O		an..35		
3042	Street and number/p.o. box	O		an..35		
3164	CITY NAME	O	1	an..35	city	
<b>C819</b>	<b>COUNTRY SUB-ENTITY DETAILS</b>	<b>O</b>	<b>1</b>			
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	zip code	
3207	COUNTRY NAME CODE	O	1	an..3	DE = Germany FR = France ... (all Iso-Codes are valid)	

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



Segment Group: 2 (M)

Segment Group: 4 (O)

<b>CTA CONTACT INFORMATION</b>		<b>M</b>	<b>1</b>		
Function. To identify a person or a department to whom communication should be directed.					
3139	CONTACT FUNCTION CODE	O	1	an..3	DL = delivery contact PD = purchasing contact
<b>C056</b>	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	<b>O</b>	<b>1</b>		
3413	Department or employee identification	O		an..17	sign of purchaser purchasing department
3412	Department or employee	O		an..35	name of contact person

Example: CTA+DL+EK10:Bauer'



Segment Group: 2 (M)

Segment Group: 4 (O)

<b>COM</b>		<b>COMMUNICATION CONTACT</b>		<b>O</b>	<b>5</b>
Function: To identify a communication number					
<b>C076</b>	<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>3</b>		
3148	Communication number	M		an..512	Communication number
3155	Communication number code qualifier	M		an..3	TE = telephone EM = electronic mail FX = telefax

**Example:** COM+09352-18-1845:TE'


**Segment Group: 6 (M)**

<b>GIS</b>		<b>GENERAL INDICATOR</b>		<b>999</b>	
Function: To transmit a processing indicator.					
<b>C529</b>	<b>PROCESSING INDICATOR</b>	<b>M</b>	<b>1</b>		
7365	Processing indicator description code	M		an..3	37 = complete information
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
7187	Process type description code	O		an..17	

Example: GIS+37'





Segment Group: 6 (M)

Segment Group: 7 (C)

<b>NAD</b>		<b>NAME AND ADDRESS</b>		<b>M</b>	<b>1</b>	
Function: To specify the name/address and their related function						
3035	PARTY FUNCTION CODE QUALIFIER	M	1	an..3	CN = goods receipt	
<b>C082</b>	<b>PARTY IDENTIFICATION DETAILS</b>	<b>O</b>	<b>1</b>			
3039	Party identifier	M		an..35	partner number	
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
<b>C058</b>	<b>NAME AND ADDRESS</b>	<b>O</b>	<b>1</b>			
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		
<b>C080</b>	<b>PARTY NAME</b>	<b>O</b>	<b>1</b>			
3036	Party name	M		an..35	partner name	
3036	Party name	O		an..35		
3036	Party name	O		an..35		
3036	Party name	O		an..35		
3036	Party name	O		an..35		
3045	Party name format code	O		an..3		
<b>C059</b>	<b>STREET</b>	<b>O</b>	<b>1</b>			
3042	Street and number/p.o. box	M		an..35	street	
3042	Street and number/p.o. box	O		an..35		
3042	Street and number/p.o. box	O		an..35		
3042	Street and number/p.o. box	O		an..35		
3164	CITY NAME	O	1	an..35	city	
<b>C819</b>	<b>COUNTRY SUB-ENTITY DETAILS</b>	<b>O</b>	<b>1</b>			
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	zip code	
3207	COUNTRY NAME CODE	O	1	an..3	DE = Germany FR = France ... (all Iso-Codes are valid)	

Example: NAD+CN+24681012++CONSIGNEE GMBH+DELIVERY STREET+B226 8+BERLIN++12345+DE'



Segment Group: 6 (M)

Segment Group: 7 (C)

<b>LOC PLACE/LOCATION IDENTIFICATION O</b>					
Function To identify a place or a location and/or related locations					
3227	LOCATION FUNCTION CODE QUALIFIER	M	1	an..3	11 = place of discharge 19 = factory or plant
<b>C517</b>	<b>LOCATION IDENTIFICATION</b>	<b>O</b>	<b>1</b>		
3225	Location name code	O		an..25	id of place of discharge
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
3224	Location name	O		an..256	
<b>C519</b>	<b>RELATED LOCATION ONE IDENTIFICATION</b>	<b>O</b>	<b>1</b>		
3223	Related place/location one identification	O		an..25	
1131	Code list identification code	O		an..3	
3055	Code list responsible agency code	O		an..3	
3222	Related place/location one	O		an..70	
<b>C553</b>	<b>RELATED LOCATION TWO IDENTIFICATION</b>	<b>O</b>	<b>1</b>		
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+11+W411'



Segment Group: 6 (M)  
 Segment Group: 7 (C)  
 Segment Group: 10 (C)

<b>CTA CONTACT INFORMATION</b>		<b>M</b>	<b>5</b>		
Function. To identify a person or a department to whom communication should be directed.					
3139	CONTACT FUNCTION CODE	O	1	an..3	DL = delivery contact PD = purchasing contact
<b>C056</b>	<b>DEPARTMENT OR EMPLOYEE DETAILS</b>	<b>O</b>	<b>1</b>		
3413	Department or employee identification	O		an..17	sign of contact
3412	Department or employee	O		an..35	name of contact person

Example: CTA+PD+A11:Meier'



Segment Group: 6 (M)  
 Segment Group: 7 (C)  
 Segment Group: 10 (C)

<b>COM</b>		<b>COMMUNICATION CONTACT</b>		<b>C</b>	<b>5</b>
Function: To identify a communication number					
<b>C076</b>	<b>COMMUNICATION CONTACT</b>	<b>M</b>	<b>3</b>		
3148	Communication number	M		an..512	communication number
3155	Communication number code qualifier	M		an..3	TE = telephone EM = electronic mail FX = telefax

Example: COM+edi.admin@boschrexroth.de:EM'



Segment Group: 6 (M)

Segment Group: 12 (M)

LIN		LINE ITEM		M		999	
Function: To identify a line item and configuration.							
1082	LINE ITEM NUMBER	O	1	an..6	line item		
1229	ACTION REQUEST/NOTIFICATION DESCRIPTIO	O	1	an..3	1 = new		
		O	1				
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>O</b>	<b>1</b>				
7140	Item number	O		an..35	article number		
7143	Item type identification code	O		an..3	BP = buyers part number		
1131	Code list identification code	O		an..3			
3055	Code list responsible agency code			an..3	92 = assigned by buyer		
		O	1				
<b>C829</b>	<b>SUB-LINE INFORMATION</b>	<b>O</b>	<b>1</b>				
5495	Sub-line indicator, coded	O		an..6			
1082	Line item number						
		O	1	n..2			
1222	CONFIGURATION LEVEL						
		O	1	an..3			
7083	CONFIGURATION, CODED						

Example: LIN++1+R902433448:BP::92'



Segment Group: 6 (M)

Segment Group: 12 (M)

<b>PIA</b>		<b>ADDITIONAL PRODUCT ID</b>		<b>O</b>	<b>10</b>	
Function: To specify additional or substitutional item identification codes						
4347	PRODUCT ID. FUNCTION QUALIFIER	M	1	an..3	5 = product identification	
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>M</b>	<b>1</b>			
7140	Item number	O		an..35	item number of vendor	
7143	Item type identification code	O		an..3	SA = suppliers article	
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>O</b>	<b>1</b>			
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		
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>O</b>	<b>1</b>			
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		
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>O</b>	<b>1</b>			
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		
<b>C212</b>	<b>ITEM NUMBER IDENTIFICATION</b>	<b>O</b>	<b>1</b>			
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+R98765:SA'



Segment Group: 6 (M)

Segment Group: 12 (M)

<b>IMD</b>		<b>ITEM DESCRIPTION</b>		<b>O</b>	<b>10</b>	
Function: To describe an item in either an industry or free format						
7077	ITEM DESCRIPTION TYPE, CODED	O	1	an..3	F = free text	
<b>C272</b>	<b>ITEM CHARACTERISTIC</b>	<b>O</b>	<b>1</b>			
7081	Item characteristic code	O		an..3	8 = product	
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3	91 = assigned by seller 92 = assigned by customer	
<b>C273</b>	<b>ITEM DESCRIPTION</b>	<b>O</b>	<b>1</b>			
7009	Item description identification	O		an..17	item description	
1131	Code list identification code	O		an..3		
3055	Code list responsible agency code	O		an..3		
7008	Item description	O		an..256		
7008	Item description	O		an..256		
3453	Language name code	O		an..3		
7383	SURFACE/LAYER CODE	O	1	an..3		

Example: IMD+F+8::92+VERTEILER'



## Segment Group: 12 (M)

<b>FTX Free text</b>		<b>O 99</b>			
Function: Free text					
4451	TEXT SUBJECT CODE QUALIFIER	M	1	an..3	LIN = line item text
4453	TEXT FUNCTION, CODED	O	1	an..3	
<b>C107 TEXT REFERENCE O 1</b>					
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	
<b>C108 TEXT LITERAL O 1</b>					
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  SAP-Source: E1EDKT1.TSSPRAS_ISO	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 line item text+DE'





Segment Group: 6 (M)

Segment Group: 12 (M)

Segment Group: 13 (O)

<b>RFF</b>		<b>REFERENCE</b>		<b>O</b>	<b>10</b>
Function: To specify a reference.					
<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>1</b>		
1153	Reference function code qualifier	M		an..3	AAN = delivery schedule number AIF = previous delivery schedule ON = order number AAL = drawing number
1154	Reference identifier	O		an..35	no. of delivery schedule
1156	Line number	O		an..6	line number e.g. from frame contract
4000	Reference version identifier	O		an..35	
1060	Revision number	O		an..6	

Example: RFF+ON:5500058126:10'



Segment Group: 6 (M)  
 Segment Group: 12 (M)  
 Segment Group: 13 (O)

<b>DTM</b>	<b>DATE/TIME/PERIOD</b>	<b>C</b>	<b>1</b>		
Function: To specify date, and/or time, or period.					
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>		
2005	Date/time/period function code qualifier	M		an..3	137 = document/message date
2380	Date/time/period value	O		an..35	date
2379	Date/time/period format code	O		an..3	102 = YYYYMMDD

Example: DTM+137:20040229:102'



Segment Group: 6 (M)

Segment Group: 12 (M)

Segment Group: 15 (O)

<b>QTY</b>		<b>QUANTITY</b>		<b>M</b>	<b>99</b>
Function: To specify a pertinent quantity.					
<b>C186</b>	<b>QUANTITY DETAILS</b>	<b>M</b>	<b>1</b>		
6063	Quantity type code qualifier	M		an..3	48 = received quantity 70 = received cumulative quantity 71 = cumulative quantity ordered 83 = backorder quantity
6060	Quantity	M		an..35	amount
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

Example: QTY+83:200:PCE'



Segment Group: 6 (M)

Segment Group: 12 (M)

Segment Group: 15 (O)

Segment Group: 16 (O)

<b>RFF</b>	<b>REFERENCE</b>	<b>M</b>	<b>10</b>
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Function: To specify a reference.

<b>C506</b>	<b>REFERENCE</b>	<b>M</b>	<b>1</b>		
1153	Reference function code qualifier	M		an..3	AAU = despatch note number
1154	Reference identifier	O		an..35	number of last delivery
1156	Line number	O		an..6	
4000	Reference version identifier	O		an..35	
1060	Revision number	O		an..6	

Example: RFF+AAU:170054698'



Segment Group: 6 (M)

Segment Group: 12 (M)

Segment Group: 15 (O)

Segment Group: 16 (O)

<b>DTM</b>	<b>DATE/TIME/PERIOD</b>	<b>O</b>	<b>1</b>		
Function: To specify date, and/or time, or period.					
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>		
2005	Date/time/period function code qualifier	M		an..3	137 = document / message date
2380	Date/time/period value	O		an..35	date
2379	Date/time/period format code	O		an..3	102 = YYYYMMDD

Example: DTM+137:20030927:102'



Segment Group: 6 (M)

Segment Group: 12 (M)

Segment Group: 17 (M)

<b>SCC</b>		<b>SCHEDULING CONDITIONS</b>		<b>M</b>	<b>999</b>
Function: To specify scheduling conditions.					
4017	DELIVERY PLAN COMMITMENT LEVEL CODE	M	1	an..3	1 = fix 2 = commitment for manufacturing and material 3 = commitment for material 4 = forecast 10 = immediately
<b>C329</b>	<b>PATTERN DESCRIPTION</b>	<b>O</b>	<b>1</b>		
2013	Frequency code	O		an..3	
2015	Despatch pattern, coded	O		an..3	
2017	Despatch pattern timing, coded	O		an..3	

Example: SCC+1'



Segment Group: 6 (M)

Segment Group: 12 (M)

Segment Group: 17 (M)

Segment Group: 18 (M)

<b>QTY</b>		<b>QUANTITY</b>		<b>M</b>	<b>999</b>
Function: To specify a pertinent quantity.					
<b>C186</b>	<b>QUANTITY DETAILS</b>	<b>M</b>	<b>1</b>		
6063	Quantity type code qualifier	M		an..3	113 = quantity to be delivered 3 = cumulative quantity 66 = committed quantity
6060	Quantity	M		an..35	quantity
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

**Example: QTY+113:220:PCE'**

The using of the qualifiers depends on the SCC-segments. The following qualifiers are allowed/expected:

SCC+1: QTY+113, QTY+3

SCC+2: QTY+66

SCC+3: QTY+66

SCC+4: QTY+113, QTY+3,

SCC+10: QTY+113

If you want to send commitment for (manufacturing and) material only as a date, set this quantity to "0"



Segment Group: 6 (M)

Segment Group: 12 (M)

Segment Group: 17 (M)

Segment Group: 18 (M)

<b>DTM</b>		<b>DATE/TIME/PERIOD</b>		<b>O</b>	<b>2</b>
Function: To specify date, and/or time, or period.					
<b>C507</b>	<b>DATE/TIME/PERIOD</b>	<b>M</b>	<b>1</b>		
2005	Date/time/period function code qualifier	M		an..3	64 = delivery date, earliest 161 = release date 76 = scheduled delivery date
2380	Date/time/period value	O		an..35	date
2379	Date/time/period format code	O		an..3	102 = yyyyymmdd 616 = yyyyww (week) 610 = yyyyymm (month)

**Example: DTM+76:20050229:102'**

The using of the qualifiers depends on the QTY-segments. The following qualifiers are allowed/expected:

QTY+3: DTM+64

QTY+66: DTM+161

QTY+113: DTM+76





<b>UNT</b>		<b>Message trailer</b>		<b>M</b>	<b>1</b>	
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 REFERENCE NUMBER	M	1	an..14	message reference (like UNH)	

**Example:** UNT+76+00002406000001'



<b>UNZ Interchange trailer</b>		<b>M</b>	<b>1</b>		
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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Version: 1.8