



# **Customer Order Message**

**EDIFACT D96A ORDERS**

**Version: 1.0**

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Created: 01.05.2023

# Changelog

| Version | Date       | Change             | Author |
|---------|------------|--------------------|--------|
| 1.0     | 01.05.2023 | Initial definition | DAO    |
|         |            |                    |        |

## Status Codes

| Code | Description            |
|------|------------------------|
| M    | Mandatory D96A Field   |
| C    | Conditional D96A Field |

## Colors Codes

| Color | Description                |
|-------|----------------------------|
|       | Mandatory Competec Field   |
|       | Conditional Competec Field |
|       | Field not used by Competec |

## References

<https://unece.org/trade/uncefact/introducing-unedifact>

<https://www.stylusstudio.com/edifact/D96A/ORDERS.htm>

# Head Section

| UNB   Interchange Header |                 |  |        |                |                        |
|--------------------------|-----------------|--|--------|----------------|------------------------|
| Pos                      | Segment/Element | Description                            | Status | Example        | Remarks                |
| 010                      | S001            | SYNTAX IDENTIFIER                      | M      |                |                        |
|                          | 0001            | Syntax identifier                      | M      | +UNOC          |                        |
|                          | 0002            | Syntax version number                  | M      | :3             |                        |
| 020                      | S002            | INTERCHANGE SENDER                     | M      |                |                        |
|                          | 0004            | Interchange sender identification      | M      | +7609999090707 | Sender Party GLN       |
|                          | 0007            | Identification code qualifier          | C      | :14            | 14 = EAN International |
| 030                      | S003            | INTERCHANGE RECIPIENT                  | M      |                |                        |
|                          | 0010            | Interchange recipient identification   | M      | +7600000000000 | Receiver Party GLN     |
|                          | 0007            | Identification code qualifier          | C      | :14            | 14 = EAN International |
| 040                      | S004            | DATE AND TIME OF PREPARATION           | M      |                |                        |
|                          | 0017            | Date                                   | M      | +230228        | yyMMdd                 |
|                          | 0019            | Time                                   | M      | :1523          | HHmm                   |
| 050                      | 0020            | Interchange control reference          | M      | +123456        |                        |
| 060                      | S005            | RECIPIENT'S REFERENCE/PASSWORD DETAILS | C      |                | Not used               |
| 070                      | 0026            | Application reference                  | C      |                | Not used               |
| 080                      | 0029            | Processing priority code               | C      |                | Not used               |
| 090                      | 0031            | Acknowledgement request                | C      |                | Not used               |
| 100                      | 0032            | Interchange agreement identifier       | C      |                | Not used               |
| 110                      | 0035            | Test indicator                         | C      | +1             | 1 = Test               |

## Example:

UNA:+.? '

UNB+UNOC:3+7609999090707:14+760000000000:14+230228:1523+123456+++++1'

| <b>0010   Segment   UNH   Message Header</b>   |                 |                           |        |         |         |
|--|-----------------|---------------------------|--------|---------|---------|
| A service segment starting and uniquely identifying a message. The message type code for the Purchase order message is ORDERS. |                 |                           |        |         |         |
| Pos  | Segment/Element | Description               | Status | Example | Remarks |
| 010  | 0062            | MESSAGE REFERENCE NUMBER  | M      | +111111 |         |
| 020  | S009            | MESSAGE IDENTIFIER        | M      |         |         |
|  | 0065            | Message type              | M      | +ORDERS |         |
|  | 0052            | Message version number    | M      | :D      |         |
|  | 0054            | Message release number    | M      | :96A    |         |
|  | 0051            | Controlling agency, coded | M      | :UN     |         |

**Example:**

UNH+111111+ORDERS:D:96A:UN'

| <b>0020   Segment   BGM   Beginning of message</b>  |                 |                              |        |         |   |
|---|-----------------|------------------------------|--------|---------|---|
| A segment by which the sender must uniquely identify the order by means of its name and number and when necessary its function. |                 |                              |        |         |   |
| Pos   | Segment/Element | Description                  | Status | Example | Remarks                                 |
| 010   | C002            | DOCUMENT/MESSAGE NAME        | C      |         |   |
|   | 1001            | Document/message name, coded | C      | +220    | <b>Supported codes:</b><br>220 = Order  |
| 020   | 1004            | Document/message number      | C      | +PO1234 | Order Id                                |
| 030   | 1225            | Message function, coded      | C      | +9      | <b>Supported codes:</b><br>9 = Original |
| 040   | 4343            | Response type, coded         | C      |         | Not used                                |

**Example:**

BGM+220+PO1234+9'

| 0030   Segment   DTM   Date/time/period  |                 |                                      |        |           |  |
|--|-----------------|--------------------------------------|--------|-----------|--|
| A segment specifying general dates and, when relevant, times related to the whole message. |                 |                                      |        |           |  |
| Pos  | Segment/Element | Description                          | Status | Example   | Remarks  |
| 010  | C507            | DATE/TIME/PERIOD                     | M      |           |  |
|  | 2005            | Date/time/period<br>qualifier        | M      | +137      | <b>Supported codes:</b><br>137 =<br>Document/message<br>date/time<br><br>2 = Delivery<br>date/time,<br>requested |
|  | 2380            | Date/time/period                     | C      | :20230228 |  |
|  | 2379            | Date/time/period<br>format qualifier | C      | :102      | <b>Supported codes:</b><br>102 = CCYYMMDD  |

**Example:**

DTM+137:20230228:102 '

DTM+2:20230310:102 '

**0110 | Segment Group 2 | Parties**

A group of segments identifying the parties with associated information.

**SG2 Segment List**

| Pos  | Tag | Name             | Usage              |
|------|-----|------------------|--------------------|
| 0120 | NAD | Name and address | At least Buyer NAD |

**0120 | Segment | NAD | Name and address**

A segment identifying names and addresses of the parties and their functions relevant to the order. Identification of the supplier and buyer parties is mandatory for the order message.

| Pos | Segment/Element | Description                       | Status | Example         | Remarks   |
|-----|-----------------|-----------------------------------|--------|-----------------|---|
| 010 | 3035            | Party qualifier                   | M      | +BY             | <b>Supported codes:</b><br>BY = Buyer<br><br>SU = Supplier<br><br>DP = Delivery Party |
| 020 | C082            | PARTY IDENTIFICATION DETAILS      | C      |                 |   |
|     | 3039            | Party id. identification          | M      | +A12345         | Your Brack/Alltron Customer Nr. (BY)  |
| 030 | C058            | NAME AND ADDRESS                  | C      |                 | Not used  |
| 040 | C080            | PARTY NAME                        | C      |                 |   |
|     | 3036            | Party name                        | M      | +Sample Company | Name 1  |
|     | 3036            | Party name                        | C      | :Sample Team    | Name 2  |
|     | 3036            | Party name                        | C      | :John Doe       | Contact Person  |
| 050 | C059            | STREET                            | C      |                 |   |
|     | 3042            | Street and number/p.o. box        | M      | +Streetname 1   | Street 1  |
|     | 3042            | Street and number/p.o. box        | C      | :Building 10b   | Street 2  |
| 060 | 3164            | City name                         | C      | +Zürich         | City  |
| 070 | 3229            | Country sub-entity identification | C      |                 | Not used  |
| 080 | 3251            | Postcode identification           | C      | +8005           | PLZ   |
| 090 | 3207            | Country, coded                    | C      | +CH             |   |

**Example:**

NAD+BY+A12345++Some Company+Street 1:Building 10b+Zürich++8005'

NAD+SU+7610794005001++Allton AG+<SU-STREET>+<SU-CITY>++<SU-POSTCODE>'

NAD+DP+5694505694505++<DP-NAME>:<DP-NAME2>:<DP-CONTACT>+<DP-STREET1>:<DP-STREET2>+<DP-CITY>++<DP-PLZ>'

**0280 | Segment Group 7 | Currencies**

A group of segments specifying the currencies and related dates/periods valid for the whole order.

**SG7 Segment List**

| Pos  | Tag | Name       | Usage       |
|------|-----|------------|-------------|
| 0290 | CUX | Currencies | Must be CHF |

**0290 | Segment | CUX | Currencies**

A segment identifying the order currency.

| Pos | Segment/Element | Description                     | Status | Example | Remarks   |
|-----|-----------------|---------------------------------|--------|---------|---|
| 010 | C504            | CURRENCY DETAILS                | C      |         |   |
|     | 6347            | Currency details qualifier      | M      | +2      | <b>Supported codes:</b><br>2 = Reference currency |
|     | 6345            | Currency, coded                 | C      | :CHF    | <b>Supported codes:</b><br>CHF                    |
|     | 6343            | Currency qualifier              | C      | :9      | <b>Supported codes:</b><br>9 = Order currency     |
| 020 | C504            | CURRENCY DETAILS                | C      |         | Not used  |
| 030 | 5402            | Rate of exchange                | C      |         | Not used  |
|     | 6341            | Currency market exchange, coded | C      |         | Not used  |

**Example:**

CUX+2:CHF:9'

**0580 | Segment Group 15 | Scheduling**

A group of segments specifying requested delivery schedules relating to quantities, frequencies, dates and references, required for the whole order.

**SG15 Segment List**

| Pos  | Tag | Name                  | Usage       |
|------|-----|-----------------------|-------------|
| 0590 | SCC | Scheduling conditions | Conditional |

**0590 | Segment | SCC | Scheduling conditions**

A segment specifying the type and status of the schedule being given.

| Pos | Segment/Element | Description                           | Status | Example | Remarks  |
|-----|-----------------|---------------------------------------|--------|---------|--|
| 010 | 4017            | Delivery plan status indicator, coded | M      | +9      | <b>Supported codes:</b><br>9 = User defined  |
| 020 | 4493            | Delivery requirements, coded          | C      | +BK     | <b>Supported codes:</b><br>SC = Ship complete order (default)<br><br>BK = Ship partial – balance back order (The rest of the order will be delivered in a 2nd delivery as soon as all backordered items are available)<br><br>P2 = Ship as soon as possible (Like partial, but the rest of the order will be delivered in multiple deliveries as soon as possible) |
| 030 | C329            | PATTERN DESCRIPTION                   | C      |         | Not used   |

**Example:**

SCC+9+BK '



# Detail Section

## 0930 | Segment Group 25 | Lines

A group of segments providing details of the individual ordered items.

### SG25 Segment List

| Pos  | Tag  | Name                  | Usage       |
|------|------|-----------------------|-------------|
| 0940 | LIN  | Line item             | Must        |
| 0950 | PIA  | Additional product id | Must        |
| 0960 | IMD  | Item description      | Conditional |
| 0980 | QTY  | Quantity              | Must        |
| 1180 | SG28 | Price details         | Must        |

## 0940 | Segment | LIN | Line item

A segment identifying the line item by the line number and configuration level, and additionally, identifying the product or service ordered.

| Pos | Segment/Element | Description                        | Status | Example        | Remarks   |
|-----|-----------------|------------------------------------|--------|----------------|---|
| 010 | 1082            | Line item number                   | C      | +1             |   |
| 020 | 1229            | Action request/notification, coded | C      |                | Not used  |
| 030 | C212            | ITEM NUMBER IDENTIFICATION         | C      |                |   |
|     | 7140            | Item number                        | C      | +9120072855368 | EAN   |
|     | 7143            | Item number type, coded            | C      | :EN            | <b>Supported codes:</b><br>EN = International Article Numbering Association (EAN) |
| 040 | C829            | SUB-LINE INFORMATION               | C      |                | Not used  |
| 050 | 1222            | Configuration level                | C      |                | Not used  |
| 060 | 7083            | Configuration, coded               | C      |                | Not used  |

### Example:

LIN+1++9120072855368:EN'

| 0950   Segment   PIA   Additional product id   |                 |                                   |        |         |   |
|--|-----------------|-----------------------------------|--------|---------|---|
| A segment providing additional identification to the product specified in the LIN segment. |                 |                                   |        |         |   |
| Pos  | Segment/Element | Description                       | Status | Example | Remarks   |
| 010  | 4347            | Product id.<br>function qualifier | M      | +1      | <b>Supported codes:</b><br>1 = Additional<br>identification                                 |
| 020  | C212            | ITEM NUMBER<br>IDENTIFICATION     | M      |         |   |
|  | 7140            | Item number                       | C      | +1513   | Valid Competec<br>article number<br>required  |
|  | 7143            | Item number type,<br>coded        | C      | :SA     | <b>Supported codes:</b><br>SA = Supplier's<br>article number<br>BP = Buyer's part<br>number |
| 030  | C212            | ITEM NUMBER<br>IDENTIFICATION     | C      |         | Not used  |
| 040  | C212            | ITEM NUMBER<br>IDENTIFICATION     | C      |         | Not used  |
| 050  | C212            | ITEM NUMBER<br>IDENTIFICATION     | C      |         | Not used  |
| 060  | C212            | ITEM NUMBER<br>IDENTIFICATION     | C      |         | Not used  |

**Example:**

PIA+1+1513:SA'

| 0960   Segment   IMD   Item description                        |                 |                                   |        |               |   |
|--|-----------------|-----------------------------------|--------|---------------|---|
| A segment for describing the product or service being ordered. |                 |                                   |        |               |   |
| Pos  | Segment/Element | Description                       | Status | Example       | Remarks   |
| 010  | 7077            | Item description<br>type, coded   | C      | +A            | <b>Supported codes:</b><br>A = Free-form long<br>description<br>F = Free-form |
| 020  | 7081            | Item<br>characteristic,<br>coded  | C      |               | Not used  |
| 030  | C273            | ITEM<br>DESCRIPTION               | C      |               |   |
|  | ...             |                                   |        |               |   |
|  | 7008            | Item description                  | C      | :Buttergipfel |   |
| 040  | 7383            | Surface/layer<br>indicator, coded | C      |               | Not used  |

**Example:**

IMD+A++:::Buttergipfel'



| 0980   Segment   QTY   Quantity             |                 |                        |        |         |   |
|---|-----------------|------------------------|--------|---------|---|
| A segment identifying the ordered quantity. |                 |                        |        |         |   |
| Pos   | Segment/Element | Description            | Status | Example | Remarks   |
| 010   | C186            | QUANTITY DETAILS       | M      |         |   |
|   | 6063            | Quantity qualifier     | M      | +21     | <b>Supported codes:</b><br>21 = Ordered quantity                  |
|   | 6060            | Quantity               | M      | :20     |   |
|   | 6411            | Measure unit qualifier | C      | :PCE    | <b>Supported codes:</b><br>PCE = Piece (default)<br><br>EA = Each |

**Example:**

QTY+21:20'

| 1180   Segment Group 28   Price   |
|---|
| A group of segments identifying the relevant pricing information for the goods or services ordered. |

#### SG28 Segment List

| Pos  | Tag | Name          | Status |
|------|-----|---------------|--------|
| 1190 | PRI | Price details | Must   |

| 1190   Segment   PRI   Price details            |                 |                              |        |         |  |
|---|-----------------|------------------------------|--------|---------|--|
| A segment to specify the price type and amount. |                 |                              |        |         |  |
| Pos   | Segment/Element | Description                  | Status | Example | Remarks  |
| 010   | C509            | PRICE INFORMATION            | C      |         |  |
|   | 5125            | Price qualifier              | M      | +AAA    | <b>Supported codes:</b><br>AAA = Calculation net |
|   | 5118            | Price                        | C      | :2.29   |  |
| 020   | 5213            | Sub-line price change, coded | C      |         | Not used   |

**Example:**

PRI+AAA:2.29'

# Summary section

| 2090   Segment   UNS   Section control   |                 |                        |        |         |  |
|--|-----------------|------------------------|--------|---------|--|
| A service segment placed at the start of the summary section to avoid segment collision. |                 |                        |        |         |  |
| Pos  | Segment/Element | Description            | Status | Example | Remarks  |
| 010  | 0081            | Section identification | M      | +S      | <b>Supported codes:</b><br>S = Detail/summary section separation |

**Example:**

UNS+S '

| 2160   Segment   UNT   Message trailer  |                 |                                 |        |         |          |
|---|-----------------|---------------------------------|--------|---------|----------|
| A service segment ending a message, giving the total number of segments in the message and the control reference number of the message. |                 |                                 |        |         |          |
| Pos   | Segment/Element | Description                     | Status | Example | Remarks  |
| 010   | 0074            | Number of segments in a message | M      | +75     |          |
| 020   | 0062            | Message reference number        | M      | +PO1234 | Order Id |

**Example:**

UNT+75+PO1234 '

| UNZ   Interchange trailer                            |                 |                               |        |         |         |
|--|-----------------|-------------------------------|--------|---------|---------|
| To end and check the completeness of an interchange. |                 |                               |        |         |         |
| Pos  | Segment/Element | Description                   | Status | Example | Remarks |
| 010  | 0036            | Interchange control count     | M      | +1      |         |
| 020  | 0020            | Interchange control reference | M      | +123456 |         |

**Example:**

UNZ+1+123456

# Structure overview

|         |  |      |
|---------|--|------|
|         | UNA:+.? '  |      |
|         | UNB+UNOC:3+7609999090707:14+760000000000:14+230228:1523+123456+++++1'  |      |
| HEAD    | UNH+1+ORDERS:D:96A:UN'   |      |
|         | BGM+220+PO1234+9'  |      |
|         | DTM+137:20230228:102'<br>DTM+2:20230310:102'   |      |
|         | NAD+BY+A1234++<Name>+<Street>+<City>++<Postcode>'<br>NAD+SU+++Competec AG+<Street>+<City>++<Postcode>'<br>NAD+DP+C1234++<Name>+<Steet>+<City>++<Postcode>' | SG2  |
|         | CUX+2:CHF:9'   |      |
|         | SCC+9+BK'  | SG15 |
| DETAIL  | LIN+1++7612297015075:EN'<br>PIA+1+1507:SA'<br>IMD+A+++::Buttergipfel'<br>QTY+21:160:PCE'   | SG25 |
|         | PRI+AAA:0.57'  | SG28 |
| SUMMARY | UNS+S'   |      |
|         | UNT+44+1'  |      |
|         | UNZ+1+123456'  |      |