

**Field bus components**  
**FBCon SS DP PCG 1way**

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The FBCon DP fieldbus distributors are used to couple 1 to 8 actuators, sensors or remote I/Os to a PROFIBUS network. The branches (T-pieces) connect the individual bus components to the bus cable. The length of the branch cable depends on the transmission rate and should be as short as possible.

The total of all branch lengths for transmission rates up to 1.5 MBaud may not exceed 6.6 m.

The trunk line is run over EMC cable glands into an aluminium / stainless steel housing and connected using tension-clamp terminals.

The branch line to the device is connected using a B-coded M12 socket or an EMC cable gland.

Terminating resistors must be wired onto the start and end of the PROFIBUS-DP network. The Terminator modules can take care of this task.

The 24 V DC power supply is introduced via the right-hand cable gland. The housing features a pressure-compensation mechanism that counters the effects of climatic fluctuations. The guidelines issued by the PROFIBUS user organisation must be observed during installation.

The distributors have the following characteristics:

- Tension-clamp connection system
- EMC cable gland
- M12 plug-in connectors
- External earthing contact
- Interruption-free bus operation

- Pressure-equalising element
- IP 66 protection class
- Stainless steel versions
- PROFIBUS-DP compatible

**General ordering data**

|            |                                                                        |
|------------|------------------------------------------------------------------------|
| Order No.  | <a href="#">8714260000</a>                                             |
| Type       | FBCon SS DP PCG 1way                                                   |
| Version    | Standard distributor without bus termination, 1-way distributor, IP 66 |
| GTIN (EAN) | 4032248399895                                                          |
| Qty.       | 1 pc(s).                                                               |

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## Technical data

### Dimensions

|        |       |       |       |
|--------|-------|-------|-------|
| Length | 64 mm | Width | 58 mm |
| Height | 36 mm |       |       |

### Temperatures

|                       |                     |
|-----------------------|---------------------|
| Operating temperature | Storage temperature |
|-----------------------|---------------------|

### Technical data

|                    |                            |                   |                           |
|--------------------|----------------------------|-------------------|---------------------------|
| Cable gland        | all connections PCG        | Colour            | Miscellaneous             |
| Connection type PE | Spur line with cable gland | Protection degree | IP 66                     |
| Type of mounting   | surface-mounted            | Version           | stainless steel enclosure |

### Classifications

|            |             |            |             |
|------------|-------------|------------|-------------|
| ETIM 2.0   | EC000214    | ETIM 3.0   | EC000214    |
| ETIM 4.0   | EC001604    | UNSPSC     | 26-12-16-03 |
| eClass 4.1 | 27-25-02-01 | eClass 5.1 | 27-25-02-01 |
| eClass 6.0 | 27-24-26-08 | eClass 7.0 | 27-24-26-08 |

### Approvals

Approvals

### Downloads

|                           |                                |
|---------------------------|--------------------------------|
| Declaration of Conformity | <a href="#">K328_01_10.pdf</a> |
|---------------------------|--------------------------------|