

## Field bus components FBCon DP CG 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

Type	FBCon DP CG 1way
Order No.	<a href="#">8564340000</a>
Version	Standard distributor, IP 66
GTIN (EAN)	4032248404698
Qty.	1 pc(s).

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## Technische Daten

### Dimensions and weights

Length	64 mm	Width	58 mm
Height	36 mm	Net weight	263 g

### Temperatures

Operating temperature	-40 °C...+80 °C	Ambient temperature	-40 °C...+80 °C
Storage temperature	-40 °C...+80 °C		

### Technical data

Cable gland	branch line CG	No. of poles	0
Protection degree	IP 66	Version	Fieldbus distributor, Profibus DP

### Classifications

ETIM 3.0	EC000214	eClass 6.2	27-24-26-08
eClass 7.1	27-24-26-08		

### Product information

Descriptive text ordering data	CG = brass cable gland PCG = plastic cable gland
Descriptive text technical data	FBcon products cannot be used in strongly saline environment.

### Approvals

Approvals	
ROHS	Conform

### Downloads

Declaration of Conformity	<a href="#">K328_01_10.pdf</a>
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**Zeichnungen**