

Field bus components

FBCon DP M12 Term 24V

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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 M12 Term 24V
Order No.	8564330000
Version	Standard distributor, IP 66
GTIN (EAN)	4032248404681
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	64 mm	Width	58 mm
Height	36 mm	Net weight	255 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 M12	Connection type PE	M12 spur line
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 technical data	FBcon products cannot be used in strongly saline environment.
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Approvals

Approvals	
ROHS	Conform

Downloads

Declaration of Conformity	K328_01_10.pdf
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Drawings

