

Field bus components
FBCon DP CG 1way

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-2083
 www.weidmueller.com



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.	8564340000
Type	FBCon DP CG 1way
Version	Standard distributor, IP 66
GTIN (EAN)	4032248404698
Qty.	1 pc(s).

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Technical data

Dimensions

Length	64 mm	Width	58 mm
Height	36 mm		

Temperatures

Ambient temperature	-25 °C...+55 °C	Storage temperature	
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Technical data

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

Classifications

ETIM 3.0	EC000214	ETIM 4.0	EC001604
eClass 6.0	27-24-26-08	eClass 7.0	27-24-26-08

Approvals

Approvals	
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Downloads

Declaration of Conformity	K328_01_10.pdf
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Drawings

