

**Field bus components**  
**FBCon DP CG Term 24V**

**Weidmüller Interface GmbH & Co. KG**  
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 D-32758 Detmold  
 Germany  
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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="#">8564290000</a>
Type	FBCon DP CG Term 24V
Version	Standard distributor with bus termination (active), Terminator, IP 66
GTIN (EAN)	4032248404650
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
Colour	Grey	Connection type PE	Spur line with cable gland
Protection degree	IP 66	Type of mounting	surface-mounted
Version	Aluminium 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 [K328\\_01\\_10.pdf](#)

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**Drawings**

