

## FBCON DP M12 1WAY

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



For Profibus DP and Modbus RS485, FBCon standard T-distributors and terminators connect individual field devices or remote I/O to the bus cable. Their EMC cable glands, protection class IP66 and a wide operating temperature range safely protect your connections in harsh environments.

### Functionality

- EMC cable glands for trunk and spurs
- M12 connector for spurs
- External earthing stud
- Pressure equalizing element
- Protection class IP66
- Aluminium and stainless-steel versions
- Profibus DP / Modbus RS485 compatible

Note: The use of FBCon products with aluminum enclosures and / or M12 connectors is not recommended in strongly saline environments.

### General ordering data

Version	Standard distributor without bus termination, 1-way distributor, IP66
Order No.	<a href="#">8564350000</a>
Type	FBCON DP M12 1WAY
GTIN (EAN)	4032248245178
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Height	36 mm	Height (inches)	1.417 inch
Width	58 mm	Width (inches)	2.283 inch
Length	64 mm	Length (inches)	2.52 inch
Net weight	249 g		

### Temperatures

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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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### Technical properties

Protection degree	IP66
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### Connection data

Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	1.5 mm <sup>2</sup>
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### Technical data

Bus system	Profibus-DP, Modbus RS485	Cable entry	Brass cable gland, Branch line M12
Conductor O.D.	-	Connection type PE	M12 spur line
Housing main material	Aluminium, AlSi12	Type of distribution	1-way distributor
Type of mounting	surface-mounted	Colour	grey
Housing main material	Aluminium, AlSi12	Protection degree	IP66
Type of mounting	surface-mounted		

### Classifications

ETIM 6.0	EC001604	ETIM 7.0	EC001604
ETIM 8.0	EC001604	ECLASS 9.0	27-24-26-08
ECLASS 9.1	27-24-26-08	ECLASS 10.0	27-24-26-08
ECLASS 11.0	27-24-26-08	ECLASS 12.0	27-44-01-11

### Approvals

Approvals



ROHS	Conform
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# Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">Certification EAC</a> <a href="#">Certification UL</a>
Product Change Notification	<a href="#">20220208 Technical change to FBCon field distributors (passive, with aluminum housings)</a>
User Documentation	<a href="#">assembly instruction german / english</a> <a href="#">Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

