

**FBCON DP M12 1WAY****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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...75 °C
Operating temperature	-40 °C...75 °C		

## 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
Connection type PE	M12 spur line	Design of housing	With pressure compensation element
Housing main material	Aluminium, AlSi12, Aluminium	Housing surface	stove enamelled
Operating voltage U <sub>max</sub> , max.	32 V	Pollution severity	3
Protection degree	IP66	Type of distribution	1-way distributor
Type of mounting	surface-mounted		

## Classifications

ETIM 6.0	EC001604	ETIM 7.0	EC001604
ETIM 8.0	EC001604	ETIM 9.0	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	ECLASS 13.0	27-44-01-11

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	3a5f5913-76fc-4ff5-8563-4463f80bbe02

## Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

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### Downloads

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

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## Drawings

