

**FBCON TERM.D EX FM****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

For applications in hazardous areas, PROFIBUS PA Ex junction boxes are available as 1-way, 2-way, 4-way, and 8-way distributors.

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
- Protection class IP66
- Aluminium versions
- Profibus PA 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 for Ex applications EEx(ia), IP66
Order No.	<a href="#">8556460000</a>
Type	FBCON TERM.D EX FM
GTIN (EAN)	4032248240715
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Height	36 mm	Height (inches)	1.417 inch
Width	45 mm	Width (inches)	1.772 inch
Length	49 mm	Length (inches)	1.929 inch
Net weight	179.49 g		

## Temperatures

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

## Technical data

Bus system	Profibus-DP, Modbus RS485	Cable entry	Brass cable gland
Protection degree	IP66		

## Classifications

ETIM 6.0	EC001583	ETIM 7.0	EC001583
ETIM 8.0	EC001583	ETIM 9.0	EC001583
ECLASS 9.0	27-14-31-54	ECLASS 9.1	27-14-31-54
ECLASS 10.0	27-14-31-54	ECLASS 11.0	27-14-31-92
ECLASS 12.0	27-14-31-92	ECLASS 13.0	27-14-31-92

## 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

## Downloads

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

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**Drawings**