

FBCON TERM.D EX FM/PEAN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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.	8606180000
Type	FBCON TERM.D EX FM/PEAN
GTIN (EAN)	4032248272433
Qty.	1 pc(s).

FBCON TERM.D EX FM/PEAN

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Depth	49 mm	Depth (inches)	1.929 inch
Height	36 mm	Height (inches)	1.417 inch
Width	45 mm	Width (inches)	1.772 inch
Net weight	194 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
Housing main material	Aluminium	Protection degree	IP66

Classifications

ETIM 6.0	EC001583	ETIM 7.0	EC001583
ETIM 8.0	EC001583	ETIM 9.0	EC001583
ETIM 10.0	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	ECLASS 14.0	27-14-31-92
ECLASS 15.0	27-14-31-92		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6bl, 6c
REACH SVHC	Lead 7439-92-1
SCIP	3a5f5913-76fc-4ff5-8563-4463f80bbe02

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319243/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

FBCON TERM.D EX FM/PEAN

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Downloads

Approval/Certificate/Document of Conformity	ATEX Certification Declaration of Conformity
Engineering Data	CAD data – STEP
Product Change Notification	20220208 Technical change to FBCon field distributors (passive, with aluminum housings)
User Documentation	Instruction sheet Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch
Catalogues	Catalogues in PDF-format
Brochures	

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com**Drawings**