

FBCON TERM.D EX FM

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), Terminator, IP66
Order No.	8556460000
Type	FBCON TERM.D EX FM
GTIN (EAN)	4032248240715
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Available until	2025-11-30T00:00:00+01:00

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Technical data

Approvals

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

Dimensions and weights

Depth	49 mm	Depth (inches)	1.9291 inch
Height	36 mm	Height (inches)	1.4173 inch
Width	45 mm	Width (inches)	1.7716 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		

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

Technical data

Type of distribution	Terminator	Housing main material	Aluminium
Cable entry	Brass cable gland	Protection degree	IP66
Bus system	Profibus-DP, Modbus RS485		

Part description

Product description	The FBCon Term D Ex device is a passive terminating resistor for the fieldbus systems Profibus PA and Foundation Fieldbus H1. The device is approved for use in explosive risk zones in Zone 1 or Zone 2. The device is certified according to FISCO (Fieldbus Intrinsically Safe Concept). The device complies with protection class IP66/IP67.
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Classifications

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

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Drawings

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