

FBCON PA CG/M12 2WAY EX

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

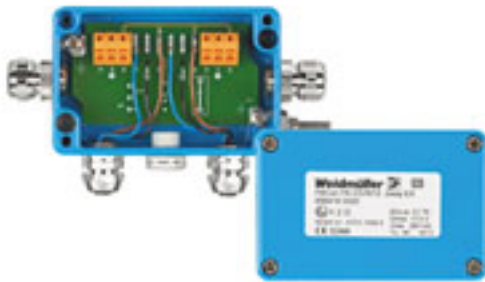
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For applications in hazardous areas, PROFIBUS PA Ex junction boxes are available as 1-way, 2-way, 4-way, and 8-way distributors.

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), 2-way distributor EEx, IP66
Order No.	8564160000
Type	FBCON PA CG/M12 2WAY EX
GTIN (EAN)	4032248238538
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	37 mm	Height (inches)	1.457 inch
Width	64 mm	Width (inches)	2.52 inch
Length	98 mm	Length (inches)	3.858 inch
Net weight	339 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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Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable entry	Brass cable gland, Branch line M12
Conductor O.D.	5.5 - 9.5mm	Conductor O.D., max.	9.5 mm
Conductor O.D., min.	5.5 mm	Connection type PE	all connectors with plastic cable gland
Contact carrier material	Brass	Contact material	CuZnAu
Housing main material	Aluminium, AISi12	Number of contact sockets	2
Type of distribution	2-way distributor EEx	Type of mounting	surface-mounted, Front mounting
Colour	blue	Housing main material	Aluminium, AISi12
Protection degree	IP66	Type of mounting	surface-mounted, Front mounting

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
UL File Number Search	E141197

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Certification ATEX Declaration of Conformity.pdf	www.weidmueller.com
Product Change Notification	20220208 Technical change to FBCon field distributors (passive, with aluminum housings)	
Software	Runtime Software – WI-Segment-Calculator	
User Documentation	assembly instruction german / english Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch	
Catalogues	Catalogues in PDF-format	
Brochures		

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Drawings

