

FBCON PA CG 1WAY EX

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), 1-way distributor EEx, IP66
Order No.	8564180000
Type	FBCON PA CG 1WAY EX
GTIN (EAN)	4032248236589
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	37 mm	Height (inches)	1.457 inch
Width	58 mm	Width (inches)	2.283 inch
Length	64 mm	Length (inches)	2.52 inch
Net weight	259 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
Conductor O.D.	5.5 - 9.5mm	Conductor O.D., max.	9.5 mm
Conductor O.D., min.	5.5 mm	Connection type PE	Spur line with cable gland
Contact carrier material	Brass	Contact material	CuZnAu
Housing main material	Aluminium, AlSi12	Type of distribution	1-way distributor EEx
Type of mounting	surface-mounted, Front mounting	Colour	blue
Housing main material	Aluminium, AlSi12	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

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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
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	

Data sheet

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Drawings

