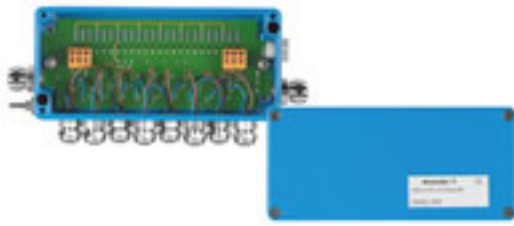


FBCON PA CG/M12 8WAY EX**Weidmüller Interface GmbH & Co. KG**

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), 8-way distributor EEx, IP66
Order No.	8564250000
Type	FBCON PA CG/M12 8WAY EX
GTIN (EAN)	4032248287628
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Height	58 mm	Height (inches)	2.283 inch
Width	80 mm	Width (inches)	3.15 inch
Length	175 mm	Length (inches)	6.89 inch
Net weight	894 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.	-	Connection type PE	M12 spur line
Housing main material	Aluminium, AlSi12	Type of distribution	8-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		

Approvals

Approvals



ROHS	Conform
UL File Number Search	E141197

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Technical data

Downloads

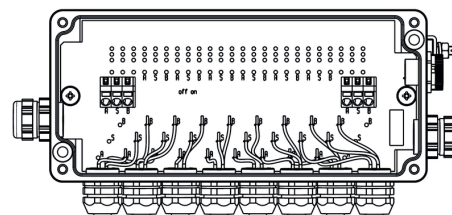
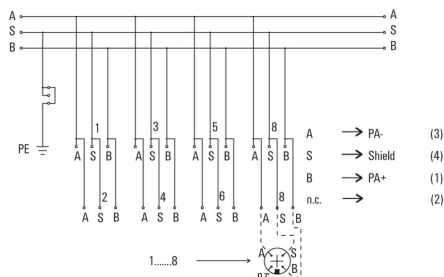
Approval/Certificate/Document of Conformity	Certification ATEX Declaration of Conformity.pdf
Software	Software unit – WI-Segment-Calculator
User Documentation	assembly instruction german / english Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

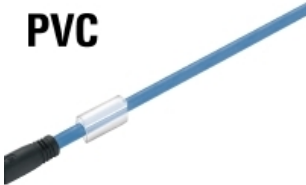


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www.weidmueller.com**Accessories****PVC/PE blue (FBCEX)****PVC**

The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

Cable Material**General ordering data**

Type	FBCEX PA M12 M 2M	Version
Order No.	1785150200	Bus line, One end without connector, M12, Number of poles: 2, 2 m,
GTIN (EAN)	4032248195022	pin, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen:
Qty.	1 pc(s).	Yes

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Weidmuller:](#)

[8564250000](#)