

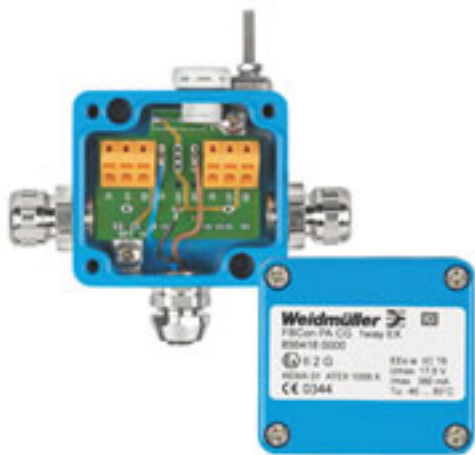
FBCON PA CG/M12 1WAY EX**Weidmüller Interface GmbH & Co. KG**

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.	8564150000
Type	FBCON PA CG/M12 1WAY EX
GTIN (EAN)	4032248238521
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	257 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-PA, Foundation Fieldbus	Cable entry	Brass cable gland, Branch line M12
Conductor O.D., max.	9.5 mm	Conductor O.D., min.	5.5 mm
Connection type PE	M12 spur line	Contact carrier material	Brass
Contact material	CuZnAu	Design of housing	With pressure compensation element
Housing main material	Aluminium, AlSi12	Number of contact sockets	1
Pollution severity	2	Protection degree	IP66
Type of distribution	1-way distributor EEx	Type of mounting	surface-mounted, Front mounting

Classifications

ETIM 6.0	EC001604	ETIM 7.0	EC001604
ETIM 8.0	EC001604	ETIM 9.0	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	ECLASS 13.0	27-44-01-11

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	3a5f5913-76fc-4ff5-8563-4463f80bbe02

Approvals

Approvals



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

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Technical data

Downloads

Approval/Certificate/Document of Conformity

[Declaration of Conformity](#)

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[20220208 Technical change to FBCon field distributors \(passive, with aluminum housings\)](#)

Software

[WI-Segment-Calculator](#)

User Documentation

[Instruction sheet](#)

[Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch](#)

Catalogues

[Catalogues in PDF-format](#)

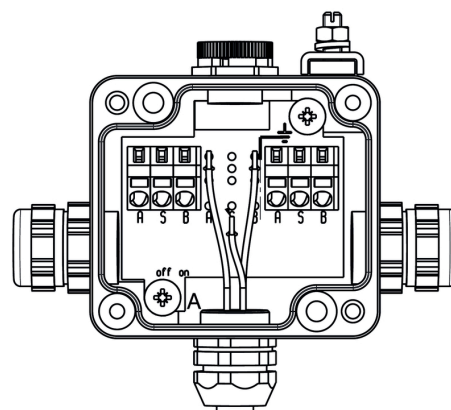
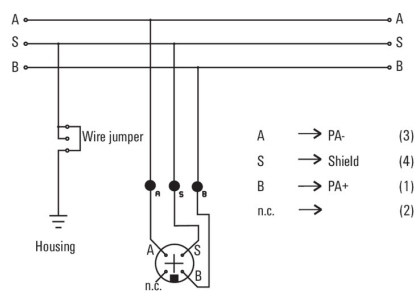
Brochures

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Drawings

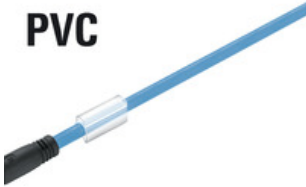


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www.weidmueller.com**Accessories****PVC/PE blue (FBCEX)****PVC**

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.

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