

FBCON PA CG/M12 4WAY EX

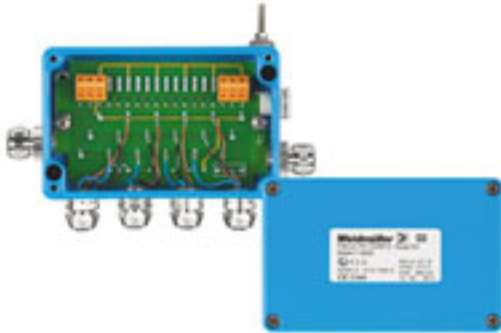
Weidmüller Interface GmbH & Co. KG

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), 4-way distributor EEx, IP66
Order No.	8564170000
Type	FBCON PA CG/M12 4WAY EX
GTIN (EAN)	4032248238545
Qty.	1 pc(s).

FBCON PA CG/M12 4WAY EX**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data**Dimensions and weights**

Height	37 mm	Height (inches)	1.457 inch
Width	80 mm	Width (inches)	3.15 inch
Length	125 mm	Length (inches)	4.921 inch
Net weight	652 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
------------	----------------

Technical properties

Protection degree	IP66
-------------------	------

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	M12 spur line
Contact carrier material	Brass	Contact material	CuZnAu
Housing main material	Aluminium, AlSi12	Number of contact sockets	4
Type of distribution	4-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

FBCON PA CG/M12 4WAY EX

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data**Downloads**

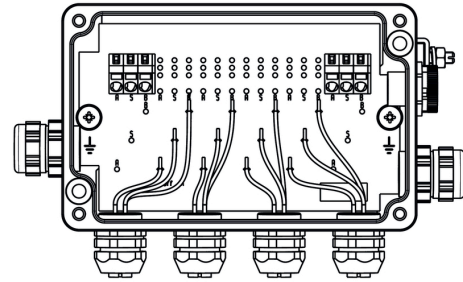
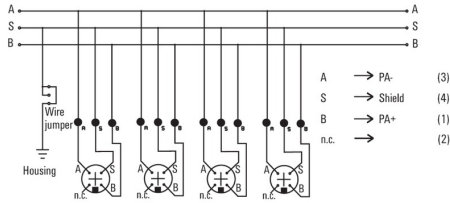
Approval/Certificate/Document of Conformity	Certification ATEX Declaration of Conformity.pdf
Software	Software unit – WI-Segment-Calculator
User Documentation	assembly instruction german / english Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch
Catalogues	Catalogues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

FBCON PA CG/M12 4WAY EX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Drawings



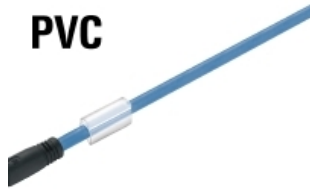
FBCON PA CG/M12 4WAY EX

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Accessories

PVC/PE blue (FBCEX)



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:](#)

[8564170000](#)