

## FBCON PA CG/M12 8WAY EX

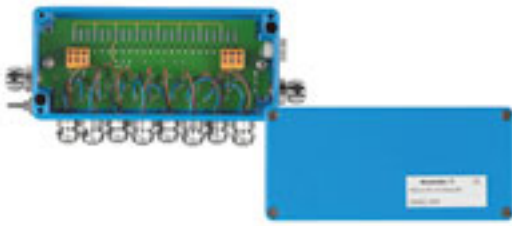
**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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.	<a href="#">8564250000</a>
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	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	<a href="#">Certification ATEX Declaration of Conformity.pdf</a>
Product Change Notification	<a href="#">20220208 Technical change to FBCon field distributors (passive, with aluminum housings)</a>
Software	<a href="#">Runtime Software – WI-Segment-Calculator</a>
User Documentation	<a href="#">assembly instruction german / english</a> <a href="#">Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

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**Drawings**

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