

## FBCON PA CG/M12 1WAY EX

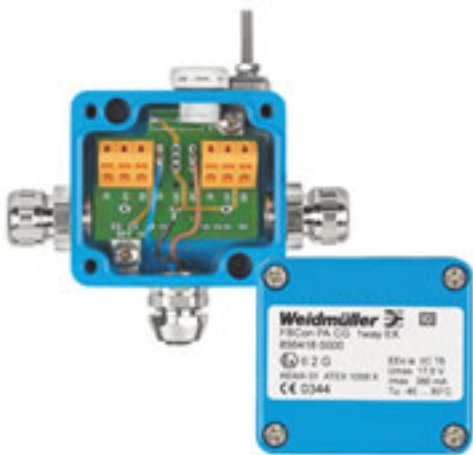
**Weidmüller Interface GmbH & Co. KG**

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), 1-way distributor EEx, IP66
Order No.	<a href="#">8564150000</a>
Type	FBCON PA CG/M12 1WAY EX
GTIN (EAN)	403224823852 1
Qty.	1 pc(s).

**FBCON PA CG/M12 1WAY 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	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		

**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	1
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**

Approvals



ROHS	Conform
UL File Number Search	E141197

## FBCON PA CG/M12 1WAY EX

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

[www.weidmueller.com](http://www.weidmueller.com)

# 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	

**Data sheet**

**FBCON PA CG/M12 1WAY EX**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

