

## FBCON PA CG/M12 2WAY

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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



For standard industrial applications (non-hazardous areas), PROFIBUS PA junction boxes and limiters are available as 1-way, 2-way, 4-way, and 8-way distributors. FBCon limiters are designed to protect connected field devices from over voltages and short circuits. As voltage-limiting protective elements, suppressor diodes are used. Due to the integrated current limitation, the segment is also protected against short circuit on a spur line. 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
- Pressure equalizing element
- Protection class IP66
- Aluminium and stainless-steel versions
- Profibus PA / Foundation Fieldbus 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, 2-way distributor, IP66
Order No.	<a href="#">8564070000</a>
Type	FBCON PA CG/M12 2WAY
GTIN (EAN)	4032248236602
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Height	37 mm	Height (inches)	1.457 inch
Width	64 mm	Width (inches)	2.52 inch
Length	98 mm	Length (inches)	3.858 inch
Net weight	344 g		

**Temperatures**

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...80 °C
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**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.	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	Number of contact sockets	2
Type of distribution	2-way distributor	Type of mounting	surface-mounted
Colour	grey	Housing main material	Aluminium
Protection degree	IP66	Type of mounting	surface-mounted

**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 EAC</a> <a href="#">Certification UL</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> <a href="#">FBCon Segment Calculator_english</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	

**Data sheet**

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**Drawings**

