

Field bus components
FBCON PA CG/M12 1WAY**Weidmüller Interface GmbH & Co. KG**

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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

Type	FBCON PA CG/M12 1WAY
Order No.	8564060000
Version	Standard distributor, 1-way distributor, IP66
GTIN (EAN)	4032248236596
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	64 mm	Length (inches)	2.52 inch
Width	58 mm	Width (inches)	2.283 inch
Height	37 mm	Height (inches)	1.457 inch
Net weight	258 g		

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...80 °C	Ambient temperature	-40 °C...80 °C
Storage temperature	-40 °C...80 °C		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical properties

Protection degree IP66

Classifications

ETIM 6.0	EC001604	ETIM 7.0	EC001604
eClass 9.0	27-24-26-08	eClass 9.1	27-24-26-08
eClass 10.0	27-24-26-08	UNSPSC	26-12-16-03

Approvals

Approvals



ROHS Conform

Downloads

Approval/Certificate/Document of Conformity	Certification EAC Certification UL
Brochure/Catalogue	CAT 8 SAI 15/16 EN
Software	WI-Segment-Calculator
User Documentation	assembly instruction german / english Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch FBCon Segment Calculator_english

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Drawings

