

FBCON PA CG/M12 1WAY

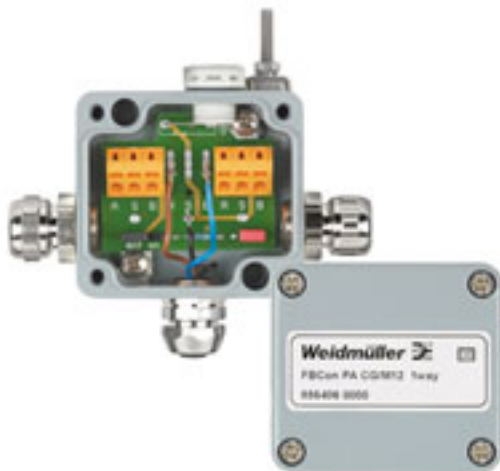
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

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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

Version	Standard distributor, 1-way distributor, IP66
Order No.	856406000
Type	FBCON PA CG/M12 1WAY
GTIN (EAN)	4032248236596
Qty.	1 pc(s).

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

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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	258 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.	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	Type of mounting	surface-mounted
Colour	grey	Housing main material	Aluminium, AlSi12
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	Certification EAC Certification UL
Product Change Notification	20220208 Technical change to FBCon field distributors (passive, with aluminum housings)
Software	Runtime 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
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings

