

FBCON PA CG/M12 1WAY LIMITER

Weidmüller Interface GmbH & Co. KG
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 Germany

www.weidmueller.com

Do not use product for new developments



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 with current limiting, 1-channel distributor LIMITER, IP66, Branch line M12
Order No.	8714160000
Type	FBCON PA CG/M12 1WAY LIMITER
GTIN (EAN)	4032248398225
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2024-01-14
Alternative product	2617180000

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Technical data

Dimensions and weights

Height	36 mm	Height (inches)	1.417 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	Operating temperature	-40 °C...55 °C
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Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable entry	Branch line M12
Cable glands	Brass cable gland	Connection type PE	M12 spur line
Current limiting	adjustable, 20 mA, 40 mA, 60 mA	Design of housing	With pressure compensation element
Housing main material	Aluminium, AlSi12	Housing surface	powder coating
Operating voltage U_{max} , max.	18 V DC \pm 20%	Protection degree	IP66
Type of distribution	1-channel distributor LIMITER	Type of mounting	surface-mounted

Classifications

ETIM 6.0	EC001604	ETIM 7.0	EC001604
ETIM 8.0	EC001604	ETIM 9.0	EC001604
ETIM 10.0	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
ECLASS 13.0	27-44-01-11	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c, 7a, 7cl
REACH SVHC	Lead 7439-92-1
SCIP	3a5f5913-76fc-4ff5-8563-4463f80bbe02

Approvals

ROHS	Conform
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Downloads

Approval/Certificate/Document of Conformity	Certification UL for Canada Certification UL for US Declaration of Conformity.pdf
Software	WI-Segment-Calculator
User Documentation	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

