FBCON SS PCG 1WAY LIMITER

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
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
Order No.	8726110000
Type	FBCON SS PCG 1WAY LIMITER
GTIN (EAN)	4032248398591
Qty.	1 pc(s).
Delivery status	This article will no longer be available in the future.
Available until	2024-01-14
Alternative product	2653670000

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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	329.63 g		

Temperatures

Storage temperature	-40 °C...80 °C	Operating temperature	-40 °C...55 °C

Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable glands	Plastic screwed cable gland
Connection type PE	all connectors with plastic cable gland	Current limiting	adjustable, 20 mA, 40 mA, 60 mA
Design of housing	With pressure compensation element	Housing main material	Stainless steel, rust-proof
Housing surface	polished	Operating voltage U_{max}, max.	18 V DC ±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
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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	3a5f5913-76fc-4ff5-8563-4463f80bbe02

Approvals

ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Application notes – Certification UL Application notes – Declaration of Conformity.pdf
Software	Runtime Software – WI-Segment-Calculator
User Documentation	Quick start guide – assembly instruction german / english Quick start guide – Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch
Catalogues	Catalogues in PDF-format
Brochures	

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Drawings



