

FBCON SS PCG 1WAY**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, 1-way distributor, IP66
Order No.	8613670000
Type	FBCON SS PCG 1WAY
GTIN (EAN)	4032248316960
Qty.	1 pc(s).

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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	402 g		

Temperatures

Storage temperature	-40 °C...80 °C	Ambient temperature	-40 °C...75 °C
Operating temperature	-40 °C...75 °C		

Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable glands	Plastic screwed cable gland
Connection type PE	all connectors with plastic cable gland	Design of housing	With pressure compensation element
Housing main material	Stainless steel, rust-proof, Aluminum	Housing surface	polished
Operating voltage	10 ... 31 V DC	Operating voltage U_{max} , max.	32 V
Pollution severity	3	Protection degree	IP66
Type of distribution	1-way distributor	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

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E141197

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Technical data

Downloads

Approval/Certificate/Document of Conformity	Certification UL for Canada Certification UL for US
Engineering Data	CAD data – STEP
Product Change Notification	20220208 Technical change to FBCon field distributors (passive, with stainless steel housings)
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

