

FBCON SS PCG 4WAY

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, 4-way distributor, IP66
Order No.	8613680000
Type	FBCON SS PCG 4WAY
GTIN (EAN)	4032248316977
Qty.	1 pc(s).
Alternative product	8703450000

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Technical data

Dimensions and weights

Height	36 mm	Height (inches)	1.417 inch
Width	80 mm	Width (inches)	3.15 inch
Length	125 mm	Length (inches)	4.921 inch
Net weight	764 g		

Temperatures

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

Technical properties

Protection degree	IP66
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Technical data

Bus system	Profibus-PA, Foundation Fieldbus	Cable glands	Plastic screwed cable gland
Connection type PE	all connectors with plastic cable gland	Housing main material	Stainless steel, rust-proof
Type of distribution	4-way distributor	Type of mounting	surface-mounted
Colour	Miscellaneous	Housing main material	Stainless steel, rust-proof
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

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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Approval/Certificate/Document of Conformity	Certification EAC Certification UL
Product Change Notification	20220208 Technical change to FBCon field distributors (passive, with stainless steel housings)
Software	Runtime Software – WI-Segment-Calculator
User Documentation	assembly instruction german / english Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch
Catalogues	Catalogues in PDF-format
Brochures	

Data sheet

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Drawings

