

## FBCON SS PCG 1WAY

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 with bus termination (active), 1-way distributor, IP65, IP66, Round
Order No.	<a href="#">8613670000</a>
Type	FBCON SS PCG 1WAY
GTIN (EAN)	4032248316960
Qty.	1 items
Delivery status	This article will no longer be available in the future.
Last order date	2025-11-30T00:00:00+01:00

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

### Dimensions and weights

Depth	79 mm	Depth (inches)	3.1102 inch
Height	36 mm	Height (inches)	1.4173 inch
Width	58 mm	Width (inches)	2.2835 inch
Net weight	402 g		

### Temperatures

Storage temperature	-40 °C...80 °C	Ambient temperature	-40 °C...80 °C
Operating temperature	-40 °C...80 °C	Humidity	5...95 %, no condensation

### Probability of failure

SIL in compliance with IEC 61508 None

### Environmental Product Compliance

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

### Connection data

Clamping range, min.	4 mm <sup>2</sup>	Clamping range, max.	6 mm <sup>2</sup>
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### Technical data

Number of poles	3	Cable glands	Plastic screwed cable gland
Connection type PE	all connectors with plastic cable gland	Type of distribution	1-way distributor
Design of housing	With pressure compensation element	Housing main material	Stainless steel, rust-proof, Aluminum
Cable entry	Round	Conductor O.D., max.	9.5 mm
Conductor O.D., min.	6.5 mm	Type of mounting	surface-mounted
Protection degree	IP65, IP66	Pollution severity	3
Bus system	Profibus-PA, Foundation Fieldbus	Operating voltage	30 V
Housing surface	polished	Operating voltage U <sub>max</sub> , max.	30 V DC

### Classifications

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

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## Drawings

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