

## Field bus components

### FBCON PA CG 2WAY LIMITER

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
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 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 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

Type	FBCON PA CG 2WAY LIMITER
Order No.	<a href="#">8714210000</a>
Version	Standard distributor with current limiting, 2-channel distributor LIMITER, IP66
GTIN (EAN)	4032248398294
Qty.	1 pc(s).

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**Technical data**

**Dimensions and weights**

Length	98 mm	Length (inches)	3.858 inch
Width	64 mm	Width (inches)	2.52 inch
Height	36 mm	Height (inches)	1.417 inch
Net weight	352 g		

**Temperatures**

Operating temperature, max.	55 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C
Operating temperature	-40 °C...55 °C	Storage temperature	-40 °C...80 °C

**Environmental Product Compliance**

REACH SVHC                      Lead 7439-92-1

**Technical properties**

Protection degree              IP66

**Classifications**

ETIM 6.0	EC001604	ETIM 7.0	EC001604
eClass 9.0	27-24-26-08	eClass 9.1	27-24-26-08
eClass 10.0	27-24-26-08	UNSPSC	26-12-16-03

**Approvals**

Approvals



ROHS                                      Conform

**Downloads**

Approval/Certificate/Document of Conformity	<a href="#">Declaration of Conformity.pdf</a>
Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a>
Software	<a href="#">WI-Segment-Calculator</a>
User Documentation	<a href="#">assembly instruction german / english</a> <a href="#">Application-Guide-Planning and installing Fieldbus networks-using-FBCon_english_deutsch</a> <a href="#">FBCon Segment Calculator_english</a>

**Data sheet**

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**Drawings**

