

## Field bus components

### FBCON PA CG/M12 4WAY LIMITER

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 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/M12 4WAY LIMITER
Order No.	<a href="#">8714180000</a>
Version	Standard distributor with current limiting, 4-channel distributor LIMITER, IP66
GTIN (EAN)	4032248398249
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Length	125 mm	Length (inches)	4.921 inch
Width	80 mm	Width (inches)	3.15 inch
Height	58 mm	Height (inches)	2.283 inch
Net weight	684 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
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### Technical properties

Protection degree	IP66
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### 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
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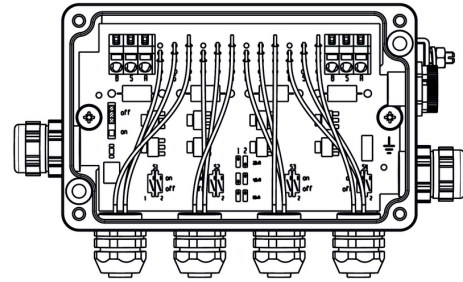
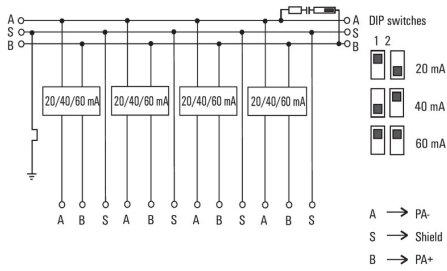
### Downloads

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>

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**Drawings**



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**Accessories**
**Brass cable glands, IP 68**


Screwed joints that comply with the high demands of class of protection IP 68

**General ordering data**

Type	VG 9-MS68	Version
Order No.	<a href="#">1569070000</a>	VG MS (standard brass cable gland), Cable glands, PG 9, 6 mm, OD
GTIN (EAN)	4008190116262	min. 4 - OD max. 8 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.),
Qty.	50 pc(s).	IP69K, Brass, nickel-plated
Type	VG M16 - MS 68	Version
Order No.	<a href="#">1772210000</a>	VG MS (standard brass cable gland), Cable glands, M 16, 7 mm, OD
GTIN (EAN)	4032248129867	min. 4 - OD max. 8 mm, IP54, IP66, IP67, IP68 - 5 bar (30 min.),
Qty.	50 pc(s).	IP69K, Brass, nickel-plated

**GWDR - neoprene flat gasket**


The range of cable glands is rounded off by a large number of accessories.

**General ordering data**

Type	GWDR PG9-NP	Version
Order No.	<a href="#">1719550000</a>	GWDR NP (flat gasket - neoprene), Sealing ring, PG 9, Neoprene
GTIN (EAN)	4008190352813	
Qty.	100 pc(s).	

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**Accessories**

**PVC/PE black (FBC)**



**PVC**

The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

**Cable Material**

**General ordering data**

Type	FBC PA M12 M 2M	Version
Order No.	<a href="#">1785120200</a>	Bus line, One end without connector, M12, Number of poles: 2, 2 m,
GTIN (EAN)	4032248194803	pin, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen:
Qty.	1 pc(s).	Yes

**M12**



Protective caps protect unassigned plug-in stations against external influences.

**General ordering data**

Type	SAI-SK-M12	Version
Order No.	<a href="#">9456050000</a>	Protected component assemblies, Protective cap
GTIN (EAN)	4008190304058	
Qty.	30 pc(s).	

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**Accessories****Brass cable glands, standard**

For sealing surplus threaded holes to maintain the IP class of protection

**General ordering data**

Type	VP 9-MS65	Version
Order No.	<a href="#">0294700000</a>	VPMS (blanking plug in brass), Blanking plug, PG 9, 5 mm, Brass,
GTIN (EAN)	4008190005887	nickel-plated
Qty.	100 pc(s).	