

**FBCON SS CG/M12 1WAY**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

Product now only available in Brazil, Data sheet for information only



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, IP66, Branch line M12
Order No.	<a href="#">8726020000</a>
Type	FBCON SS CG/M12 1WAY
GTIN (EAN)	4032248398522
Qty.	1 items
Delivery status	Discontinued
Available until	2020-10-30T00:00:00+01:00
Alternative product	<a href="#">FBCON SS CG 1WAY</a>

**FBCON SS CG/M12 1WAY**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Height	36 mm	Height (inches)	1.4173 inch
Width	58 mm	Width (inches)	2.2835 inch
Length	64 mm	Length (inches)	2.5197 inch
Net weight	456 g		

**Temperatures**

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

**Environmental Product Compliance**

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	3a5f5913-76fc-4ff5-8563-4463f80bbe02

**Technical data**

Cable glands	Stainless steel cable gland	Connection type PE	M12 spur line
Type of distribution	1-way distributor	Design of housing	With pressure compensation element
Housing main material	Stainless steel, rust-proof	Cable entry	Branch line M12
Type of mounting	surface-mounted	Protection degree	IP66
Bus system	Profibus-PA, Foundation Fieldbus		

**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		



## FBCON SS CG/M12 1WAY

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

### Brass blanking plugs, round head IND



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

#### General ordering data

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

### IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications. The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure. Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

#### General ordering data

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

### Neoprene flat gasket - GWDR NP



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

#### 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 ST		

## FBCON SS CG/M12 1WAY

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Accessories

### IP68 version



In addition to the extensive range of enclosures, Weidmüller offers a variety of cable glands for a wide range of applications. The cable glands made of brass, plastic and stainless steel meet the most various IP protection classes to suit any industrial enclosure. Depending on the series of cable glands and the application, the cable glands are approved and tested according to VDE, UL, UR, cULus, DNV GL or EN 45545.

### General ordering data

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

### M12



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

### General ordering data

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

### 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.

### General ordering data

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