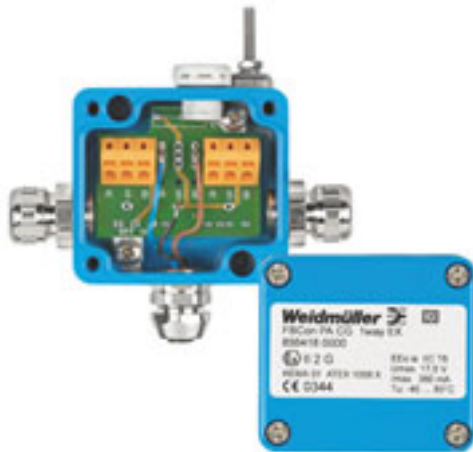


## Field bus components FBCon PA CG/M12 1way Ex

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 16  
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 Germany  
 Fon: +49 5231 14-0  
 Fax: +49 5231 14-292083  
 www.weidmueller.com



The FBCon Fieldbus distributor is available in the industry and EEx (ia) version. They are used for coupling from 1 to 8 field devices or sensors.

They are connected via spur lines. The connection to the spur line can be made with an M12 plug or directly via an EMC cable gland. Communication and device power feed are transferred by a common 2-wire line.

The distributors offer the following features respective of the version:

- Tension-clamp connection system
- Overvoltage protection for the main line
- Current limiter for each branch line
- EMC cable gland
- M12 plug-in connectors
- External earthing contact
- Interruption-free bus operation
- Industrial version
- Bus termination integrated (not EX)
- ATEX explosion-proof version
- Pressure-equalising element
- Protection degrees IP65, IP66, IP67
- Stainless steel versions
- PROFIBUS-PA compatible

### General ordering data

Type	FBCon PA CG/M12 1way Ex
Order No.	<a href="#">8564150000</a>
Version	Standard distributor for Ex applications EEx(ia), 1-way distributor EEx, IP 66
GTIN (EAN)	4032248238521
Qty.	1 pc(s).

**Data sheet**

**Field bus components  
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**Technical data**

**Dimensions and weights**

Length	64 mm	Width	58 mm
Height	37 mm	Net weight	271 g

**Temperatures**

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

**Technical data**

Cable gland	branch line M12	Colour	Blue
Connection type PE	M12 spur line	Contact carrier material	Brass
Contact material	CuZnAu	Housing main material	Al - Si 12
Number of contact sockets	1	Protection degree	IP 66
Type of mounting	surface-mounted	Version	Aluminium enclosure

**Ratings IECEx/ATEX**

Certificate No. (ATEX)	KEMA01ATEX1058X
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**Classifications**

ETIM 3.0	EC000214	UNSPSC	26-12-16-03
eClass 5.1	27-25-02-01	eClass 6.2	27-24-26-08
eClass 7.1	27-24-26-08		

**Product information**

Descriptive text ordering data	CG = brass cable gland PCG = plastic cable gland
Descriptive text technical data	FBcon products cannot be used in strongly saline environment.

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Declaration of Conformity	<a href="#">K350_07_10.pdf</a>
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**Data sheet****Field bus components  
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**Drawings**