

Field bus components

FBCon PA CG 1way Ex

Weidmüller Interface GmbH & Co. KG

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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 1way Ex
Order No.	8564180000
Version	Standard distributor for Ex applications EEx(ia), 1-way distributor EEx, IP66
GTIN (EAN)	4032248236589
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	64 mm	Length (inches)	2.52 inch
Width	58 mm	Width (inches)	2.283 inch
Height	37 mm	Height (inches)	1.457 inch
Net weight	259 g		

Temperatures

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

Ratings IECEx/ATEX/cUL

ATEX certificate	ATEX certificate.pdf	Certificate No. (ATEX)	KEMA01ATEX1058
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Classifications

ETIM 3.0	EC000214	ETIM 4.0	EC001604
ETIM 5.0	EC001604	ETIM 6.0	EC001604
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
eClass 8.1	27-24-26-08	eClass 9.0	27-24-26-08
eClass 9.1	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

Package insert	assembly instruction german / english
Declaration of Conformity	Declaration of Conformity.pdf