Field bus components
FBCon PA CG 4way Ex

Weidmüller Interface GmbH & Co. KG
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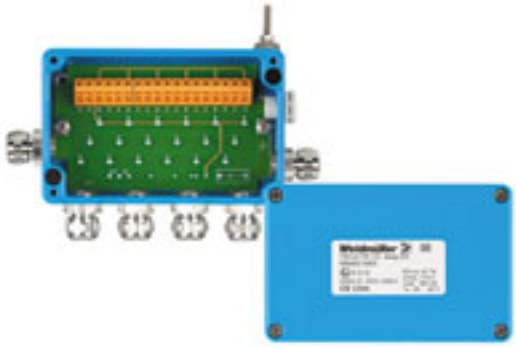

The FBCon Fieldbus distributor is available in the industry and EEx (ia) version. They are used for coupling from 1 to 8 field devices or sensors.
They are connected via spur lines. The connection to the spur line can be made with an M12 plug or directly via an EMC cable gland. Communication and device 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 4way Ex
Order No.	8564200000
Version	Standard distributor for Ex applications EEx(ia), 4-way distributor EEx, IP66
GTIN (EAN)	4032248238569
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	37 mm	Height (inches)	1.457 inch
Net weight	673 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Ratings IECEx/ATEX/cUL

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

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		

Approvals

Approvals	
ROHS	Conform

Downloads

Approval/Certificate/Document of Conformity	Declaration of Conformity.pdf
Brochure/Catalogue	CAT 8 SAI 15/16 EN
User Documentation	assembly instruction german / english

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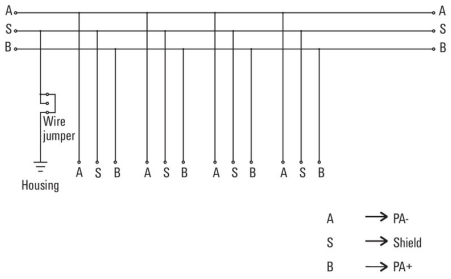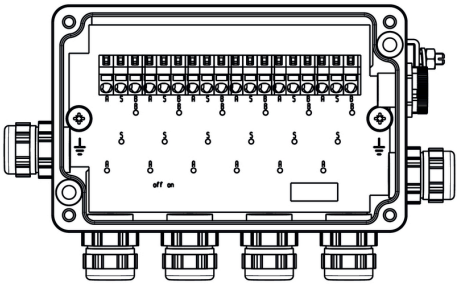
Drawings