

Field bus components

FBCon Term.D Ex FM/PEAN

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 Term.D Ex FM/PEAN
Order No.	8606180000
Version	Standard distributor for Ex applications EEx(ia), IP66
GTIN (EAN)	4032248272433
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	49 mm	Length (inches)	1.929 inch
Width	45 mm	Width (inches)	1.772 inch
Height	36 mm	Height (inches)	1.417 inch
Net weight	218 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	EC001583
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	27-14-31-54		

Product information

Descriptive text technical data	FBcon products cannot be used in strongly saline environment.
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Approvals

Approvals



ROHS	Conform
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Downloads

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