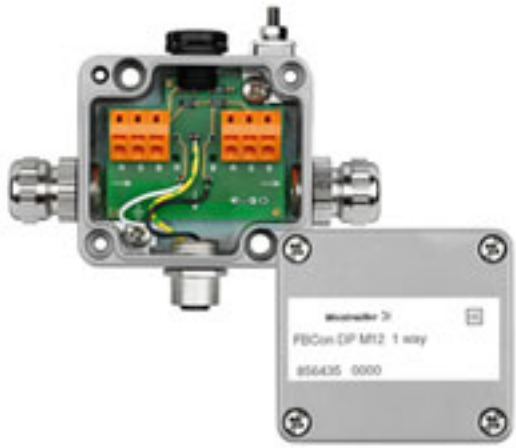
Field bus components
FBCon DP M12 1way

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 DP fieldbus distributors are used to couple 1 to 8 actuators, sensors or remote I/Os to a PROFIBUS network.
The branches (T-pieces) connect the individual bus components to the bus cable. The length of the branch cable depends on the transmission rate and should be as short as possible.
The total of all branch lengths for transmission rates up to 1.5 MBaud may not exceed 6.6 m.
The trunk line is run over EMC cable glands into an aluminium / stainless steel housing and connected using tension-clamp terminals.
The branch line to the device is connected using a B-coded M12 socket or an EMC cable gland.
Terminating resistors must be wired onto the start and end of the PROFIBUS-DP network. The Terminator modules can take care of this task.
The 24 V DC power supply is introduced via the right-hand cable gland. The housing features a pressure-compensation mechanism that counters the effects of climatic fluctuations.
The guidelines issued by the PROFIBUS user organisation must be observed during installation.
The distributors have the following characteristics:

- Tension-clamp connection system
- EMC cable gland
- M12 plug-in connectors
- External earthing contact
- Interruption-free bus operation
- Pressure-equalising element
- IP 66 protection class
- Stainless steel versions
- PROFIBUS-DP compatible

General ordering data

Type	FBCon DP M12 1way
Order No.	8564350000
Version	Standard distributor without bus termination, 1-way distributor, IP66
GTIN (EAN)	4032248245178
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	36 mm	Height (inches)	1.417 inch
Net weight	249 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

Connection data

Clamping range, min.	0.5 mm²	Clamping range, max.	1.5 mm²

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	EAC
ROHS	Conform

Downloads

Brochure/Catalogue	CAT 8 SAI 15/16 EN
User Documentation	assembly instruction german / english

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Drawings

