

Field bus components

FBCon M12 4P M EMC

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Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

General ordering data

Type	FBCon M12 4P M EMC
Order No.	9455640000
Version	Plugs prefabricated to customer spec., M12, pin, straight
GTIN (EAN)	4008190053611
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 45 g

Temperatures

Operating temperature range, max.	85 °C	Operating temperature range, min.	-40 °C
Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Storage temperature, max.	80 °C	Storage temperature, min.	-40 °C

Technical data customisable plug-in connectors

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Cable gland	PG 9	Coding	A
Connection cross-section, max.	0.75 mm ²	Connection cross-section, min.	0.14 mm ²
Contact surface	Gold-plated	Housing main material	CuZn
Insulation resistance	10 ¹² Ω	No. of poles	4
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	250 V
Shield connection	Yes	Temperature range of housing	-40 ... +85 °C
Type of connection	Screw connection		

Standards

Connector standard	IEC 61076-2-101	Certificate No. (cURus)	E307231
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Classifications

ETIM 3.0	EC000516	ETIM 4.0	EC000516
ETIM 5.0	EC000516	ETIM 6.0	EC002062
UNSPSC	26-12-16-03	eClass 5.1	27-25-02-01
eClass 6.2	27-24-26-92	eClass 7.1	27-24-26-92
eClass 8.1	27-24-26-92	eClass 9.0	27-24-26-92
eClass 9.1	27-44-01-03		

Approvals

Approvals



ROHS Conform

Downloads

Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD, Zuken E3.S