

## Field bus components FBCON M12 4P FM 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 FM EMC
Order No.	<a href="#">8426220000</a>
Version	Sockets prefabricated to customer spec., M12, Female socket, straight
GTIN (EAN)	4032248036516
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	48 g
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**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

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
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**Technical data customisable plug-in connectors**

Cable diameter, max.	8 mm	Cable diameter, min.	6 mm
Cable glands	PG 9	Coding	A
Conductor cross-section, max.	0.75 mm <sup>2</sup>	Conductor cross-section, min.	0.25 mm <sup>2</sup>
Connection cross-section, max.	0.75 mm <sup>2</sup>	Connection cross-section, min.	0.14 mm <sup>2</sup>
Contact surface	Gold-plated	Housing main material	CuZn
Insulation strength	10 <sup>12</sup> Ω	Number 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 6.0	EC002062	ETIM 7.0	EC002635
eClass 9.0	27-44-01-02	eClass 9.1	27-44-01-03
eClass 10.0	27-44-01-02	UNSPSC	26-12-16-03

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Manual</a>

**Data sheet**

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**Drawings**

**Pole scheme**

