

FBCON M12 4P FM EMC**Weidmüller Interfaces GmbH & Co. KG**

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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

Version	Field attachable connector, M12, Female socket, straight
Order No.	8426220000
Type	FBCON M12 4P FM EMC
GTIN (EAN)	4032248036516
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 48 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Imidazolidine-2-thione 96-45-7	SCIP	0a173d67-76ea-4f49- a7f9-34c254e699e8
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Technical data customisable plug-in connectors

Cable diameter	4...6 mm (PG7)/ 6...8 mm (PG9)	Cable diameter, max.	8 mm
Cable diameter, min.	6 mm	Coding	A
Conductor cross-section, max.	0.75 mm ²	Conductor cross-section, min.	0.14 mm ²
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 strength	10 ¹² Ω	Number of poles	4
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	250 V
Rated voltage	250 V (4-pole) / 60 V (5-pole)	Shield connection	Yes
Temperature range of housing	-40 ... +85 °C	Type of connection	Screw connection

General Info

Connection 1	M12	Connection 2	Screw
Description of article	SAISW / SAIBW	UL 94 flammability rating	V-2
Housing main material	CuZn	Connection thread	M12
Contact surface	Gold-plated	Protection degree	IP67

Standards

Connector standard IEC 61076-2-101

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC002635
ETIM 8.0	EC002635	ECLASS 9.0	27-44-01-02
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-02
ECLASS 11.0	27-44-01-02	ECLASS 12.0	27-44-01-16

Approvals

Approvals



ROHS	Conform
UL File Number Search	UL Website
Certificate No. (cURus)	E307231

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info@weidmueller.com**Technical data****Downloads**

Engineering Data	CAD data – STEP	www.weidmueller.com
Engineering Data	EPLAN, WSCAD, Zuken E3.S	
User Documentation	Manual	
Catalogues	Catalogues in PDF-format	
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN	

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Drawings

Pole scheme

