

**FBCON M12 4P M EMC****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, pin, straight
Order No.	<a href="#">9455640000</a>
Type	FBCON M12 4P M EMC
GTIN (EAN)	4008 190053611
Qty.	1 pc(s).

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

Net weight 45 g

**Environmental Product Compliance**REACH SVHC Lead 7439-92-1,  
Imidazolidine-2-thione  
96-45-7**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 <sup>2</sup>	Conductor cross-section, min.	0.14 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
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 E307231

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**Technical data****Downloads**

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Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD, Zuken E3.S</a>
User Documentation	<a href="#">Manual</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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**Data sheet**

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**Drawings**

**Pole scheme**

