

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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)	4008190053611
Qty.	1 pc(s).

## FBCON M12 4P M EMC

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Dimensions and weights

Net weight	45 g
------------	------

## 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-coded
Conductor cross-section, max.	0.75 mm <sup>2</sup>	Conductor 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
Threaded ring material	Diecast zinc	Type of connection	Screw connection

## General Info

Number of poles	4	Connection 1	M12
Connection 2	Screw	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	ETIM 9.0	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	ECLASS 13.0	27-44-01-02

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Imidazolidine-2-thione 96-45-7
SCIP	0a173d67-76ea-4f49-a7f9-34c254e699e8
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

## Approvals

Approvals



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

Creation date July 25, 2024 11:08:41 AM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

## FBCON M12 4P M EMC

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

### Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Engineering Data	<a href="#">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>

## FBCON M12 4P M EMC

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

### Pole scheme

