

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. | 8426220000 |
| 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

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 | 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 | IP 67 | Rated current | 4 A |
| Rated voltage | 250 V | Rated voltage (text) | 250 V (4-pole) / 125 V (5-pole) |
| Type of connection | Screw connection | | |

Classifications

| | | | |
|------------|-------------|------------|-------------|
| ETIM 3.0 | EC000516 | 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 | | |

Approvals

Approvals



ROHS Conform