

FBCEX PA M12 M-FM 1M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, Ether-CAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 1 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1785130100
Type	FBCEX PA M12 M-FM 1M
GTIN (EAN)	4032248194933
Qty.	1 items

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Technical data
Approvals

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ROHS Conform

Dimensions and weights

Net weight 95.04 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1, Imidazolidine-2-thione 96-45-7
SCIP	be1e0a9b-b31e-4729-85aa-0ec2ffffea4

Technical specifications for cable

Cable length	1 m	Sheathing colour	blue (RAL 5015)
Suitable for cable carriers	No	Core cross-section	1 mm ²
Shielded	Yes	Halogen	Yes
Insulation	PE	Bending radius, min., moving	8 x cable diameter
Bending radius, min., stationary	8 x cable diameter	Sheath material	PVC
Configurable cable length	No	Hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	red, green	Temperature range, stationary	-30...80 °C
Resistant to welding beads	No	Temperature range, moving	-5...60 °C
Number of poles	2	Outside diameter	8 mm ± 0.4 mm

General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	pin, straight - socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Contact material	Ni/Au
Nominal voltage	100 V	Protection degree	IP67
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25...+80 °C	Tightening torque	M12: 0.8 - 1.2 Nm

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	100 V
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Plug, left

Plug left	M12, A-coded, IP67, male contact, straight, Plastic, shielded
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Technical data**Plug, right**

Plug right	M12, A-coded, IP67, female contact, straight, Plastic, shielded
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Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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Drawings

Dimensioned drawing

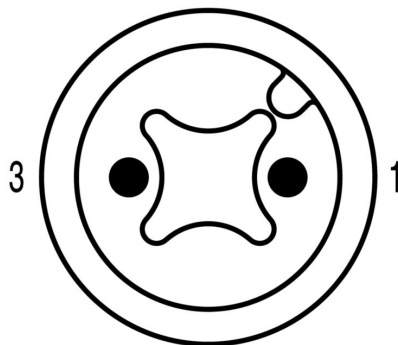


Male, straight



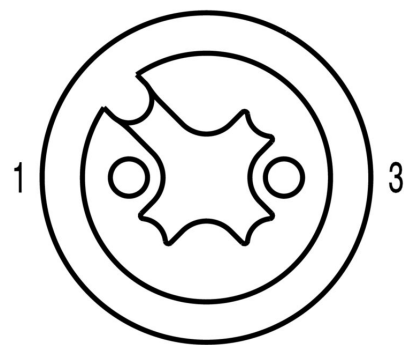
Straight socket

Pole scheme



Pin

Pole scheme



Socket

Drawings

Wiring diagram



The ideal tool: Screwty® with torque function



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F