FBC PA M12 M-FMA 10M

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™, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 10 m, pin, straight - socket, 90°, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1075621000
Type	FBC PA M12 M-FMA 10M
GTIN (EAN)	4032248834136
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	784 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Bending radius, min., moving	8 x cable diameter	Bending radius, min., stationary	8 x cable diameter
Cable length	10 m	Colour coding	red, green
Configurable cable length	No	Core cross-section	1 mm²
Halogen	Yes	Hybrid cable	No
Insulation	PE	Irradiation crosslinked	No
Number of poles	2	Outside diameter	8 mm ± 0.4 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	Yes
Suitable for cable carriers	No	Temperature range, moving	-5...60 °C
Temperature range, stationary	-30...80 °C		

General technical data

Coding	A	Connection thread	M12 / M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10^8 Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated voltage	100 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M12: 0.8 - 1.2 Nm	Version	pin, straight - socket, 90°
jumpered	No		

Electrical properties

Insulation strength	10^8 Ω	Rated voltage	100 V

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08		

Approvals

ROHS	Conform

Downloads

Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

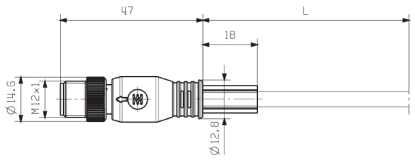
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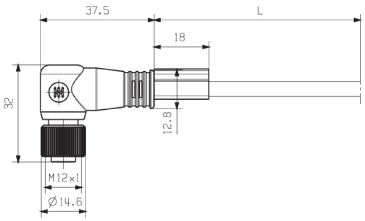
Drawings

Dimensioned drawing



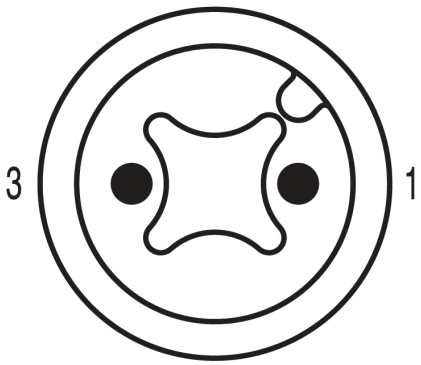
Male, straight

Dimensioned drawing



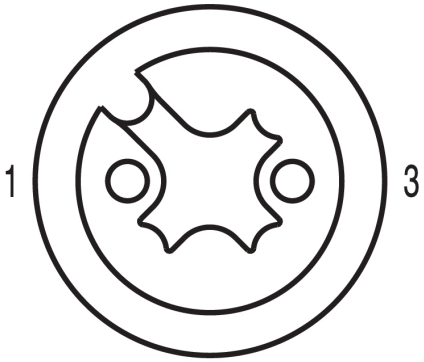
Socket angled

Pole scheme



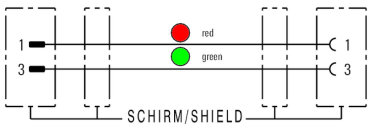
Pin

Pole scheme



Socket

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

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