

**FBC PA M12 MA-FMA 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™, EtherCAT and Ethernet.

**General ordering data**

Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 1 m, pin, 90°; - socket 90°, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1076550100</a>
Type	FBC PA M12 MA-FMA 1M
GTIN (EAN)	4032248834167
Qty.	1 pc(s).

Creation date March 13, 2023 11:52:57 AM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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

Net weight 106 g

**Technical specifications for cable**

Bending radius, min., moving	8 x cable diameter	Bending radius, min., stationary	8 x cable diameter
Cable length	1 m	Colour coding	red, green
Configurable cable length	No	Core cross-section	1 mm <sup>2</sup>
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	Welding spark resistance	No

**General technical data**

Coding	A	Connection thread	M12 / M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> 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, 90°; - socket 90°;
jumpered	No		

**Electrical properties**Insulation strength 10<sup>8</sup> 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	ECLASS 12.0	27-06-03-08

**Environmental Product Compliance**REACH SVHC Lead 7439-92-1  
SCIP 273a2adc-147a-4b75-9d50-227deee55a05**Approvals**

Approvals



ROHS Conform

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**Technical data****Downloads**

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Engineering Data	<a href="#">WSCAD</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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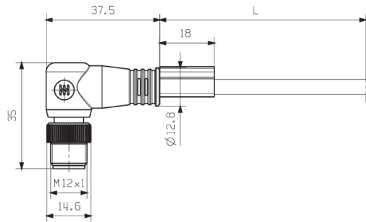
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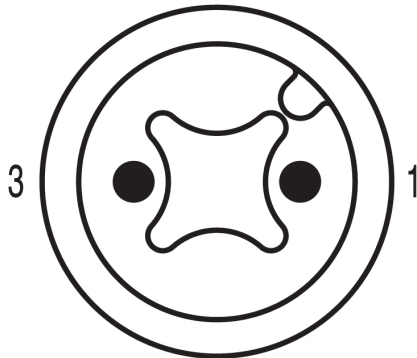
**Drawings**

**Dimensioned drawing**



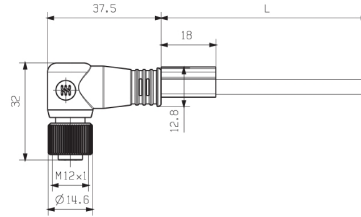
Male, angled

**Pole scheme**



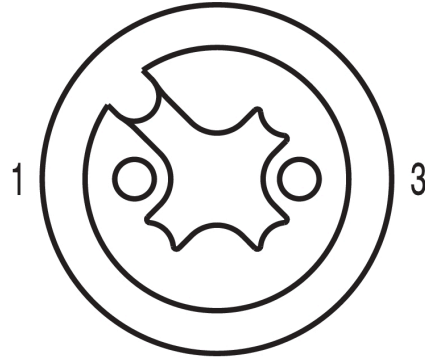
Pin

**Dimensioned drawing**



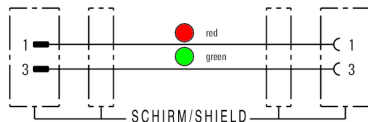
Socket angled

**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