

## FBC PA M12 M-FMA 1M

**Weidmüller Interface GmbH & Co. KG**

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Germany

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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

Type	FBC PA M12 M-FMA 1M
Order No.	<a href="#">1075620100</a>
Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 1 m, pin, straight - socket, 90&deg;, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248834006
Qty.	1 pc(s).

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Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Net weight 106 g

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Technical specifications for cable

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

### General technical data

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

### Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
eClass 9.0	27-06-03-08	eClass 9.1	27-06-03-08
eClass 10.0	27-06-03-08		

### Approvals

ROHS Conform

### Downloads

Brochure/Catalogue	<a href="#">CAT 8 SAI 15/16 EN</a> <a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

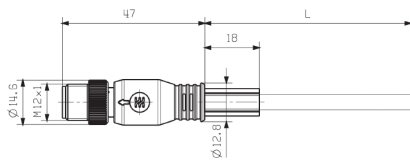
**Data sheet**

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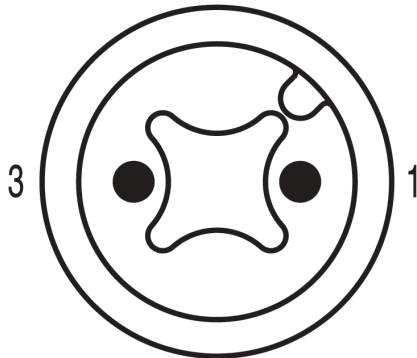
**Drawings**

**Dimensioned drawing**



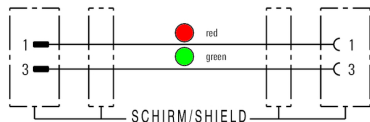
Male, straight

**Pole scheme**

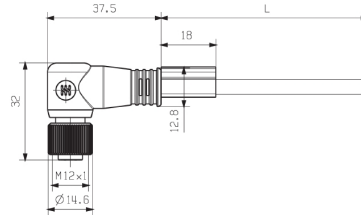


Pin

**Wiring diagram**

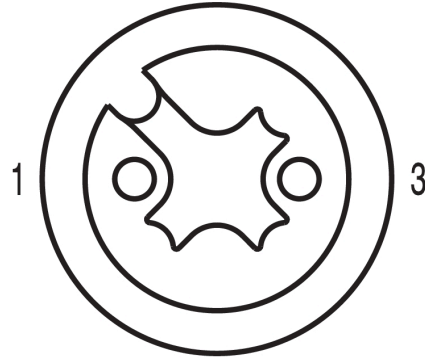


**Dimensioned drawing**



Socket angled

**Pole scheme**



Socket

**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