

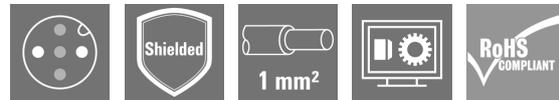
**FBCEX PA M12 MA 10M****Weidmüller Interface GmbH & Co. KG**

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, One end without connector, M12, Number of poles: 2, 10 m, pin, 90°deg.; Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1076581000</a>
Type	FBCEX PA M12 MA 10M
GTIN (EAN)	4032248834334
Qty.	1 pc(s).

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

Net weight	818 g
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**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 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	blue (RAL 5015)	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-coded	Connection thread	M12
Contact material	Ni/Au	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&deg;	jumpered	No

**Electrical properties**

Insulation strength	10 <sup>8</sup> Ω	Rated voltage	100 V
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**Plug, left**

Plug left	M12, A-coded, IP67, male contact, angled 90°, Plastic, shielded
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**Plug, right**

Plug right	free conductor end
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**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	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
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

**Data sheet**

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**Technical data**

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	273a2adc-147a-4b75-9d50-227deee55a05

**Approvals**

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a>
ROHS	Conform

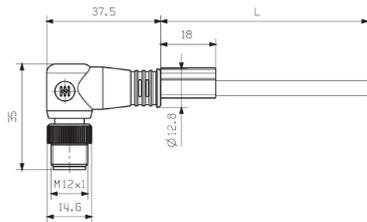
**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

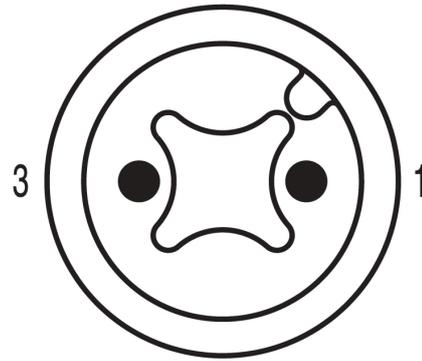
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**Drawings****Pole scheme**

Male, angled



Pin

**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