

FBCEX PA M12 MA-FMA 1M
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

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	FBCEX PA M12 MA-FMA 1M
Order No.	1075410100
Version	Bus line, Connecting line, M12 / M12, No. of poles: 2, 1 m, pin, 90° - socket 90°, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248833863
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Net weight	108 g
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Technical specifications for cable

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

General technical data

Version	pin, 90° - socket 90°	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 resistance	10 ⁸ 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 3.0	EC001408	ETIM 4.0	EC001408
ETIM 5.0	EC001408	ETIM 6.0	EC002599
eClass 6.2	27-06-03-07	eClass 7.1	27-06-03-07
eClass 8.1	27-06-03-07	eClass 9.0	27-06-03-07
eClass 9.1	27-06-03-08		

Product information

Descriptive text technical data	Chapter W includes additional technical specifications for the cable
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Approvals

ROHS	Conform
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Downloads

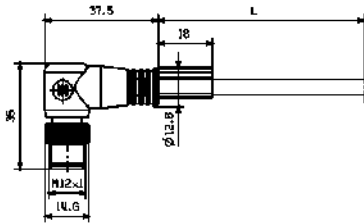
Brochure/Catalogue	CAT 8 SAI 15/16 EN FL FIELDWIRING EN
Engineering Data	EPLAN.WSCAD

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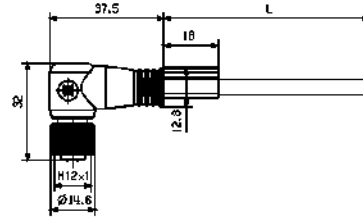
Drawings

Dimensioned drawing



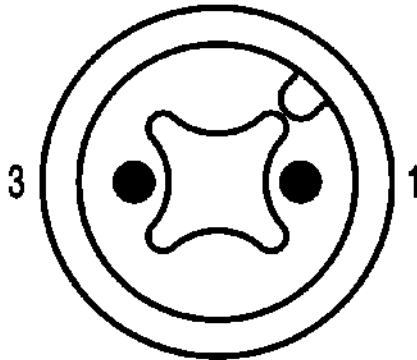
Male, angled

Dimensioned drawing



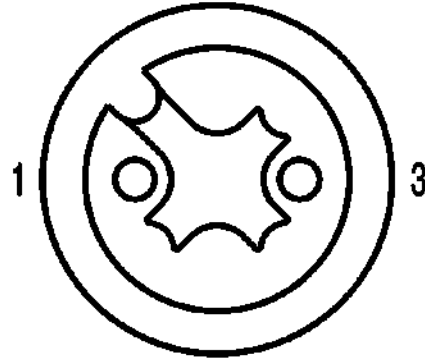
Socket angled

Pole scheme



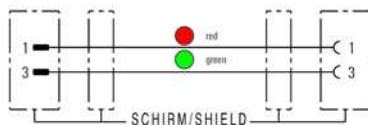
Pin

Pole scheme



Socket

Wiring diagram



The ideal tool, the 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