

FBCEX PA M12 MA-FM 2M
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

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-FM 2M
Order No.	1075450200
Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 2 m, pin, angled - bush straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	403224883393 1
Qty.	1 pc(s).

Creation date May 1, 2020 4:39:31 PM CEST

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

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Technical data
Dimensions and weights

Net weight	186 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical specifications for cable

Number of poles	2	Core cross-section	1 mm ²
Outside diameter	8 mm ± 0.4 mm	Cable length	2 m
Shielded	Yes	Insulation	PE
Colour coding	red, green	Sheath material	PVC
Sheathing colour	blue (RAL 5015)	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, angled - bush straight	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 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 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
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Downloads

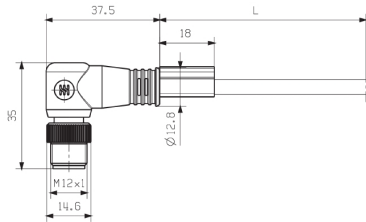
Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN_WSCAD

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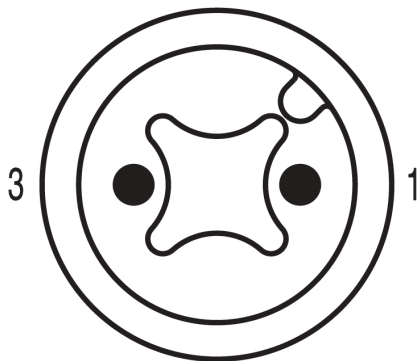
Drawings

Dimensioned drawing



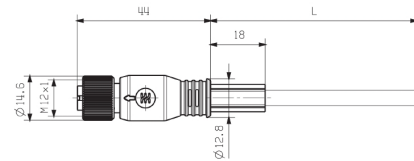
Male, angled

Pole scheme



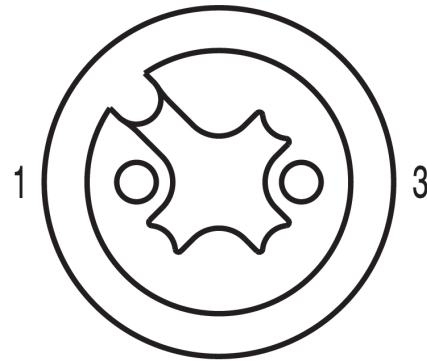
Pin

Dimensioned drawing



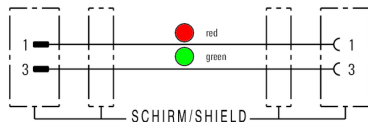
Straight socket

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