FBCEX PA M12 MA-FMA 5M

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, DeviceNetTM, Ether-CAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M12 / M12, Number of poles: 2, 5 m, pin, 90° - socket 90°, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1075410500
Type	FBCEX PA M12 MA-FMA 5M
GTIN (EAN)	4032248833887
Qty.	1 items
Delivery status	Discontinued
Last order date	2025-11-29T00:00:00+01:00

Creation date 23.03.2026 05:20:52 MEZ

FBCEX PA M12 MA-FMA 5M

Technical data

Approvals

Approvals	CE UKCA
ROHS	Conform

Dimensions and weights

Net weight	354.64 g

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

Technical specifications for cable

Cable length	5 m	Sheathing colour	blue (RAL 5015)
Suitable for cable carriers	No	Core cross-section	1 mm²
Shielded	Yes	Halogen	Yes
Insulation	PE	Bending radius, min., moving	8 x cable diameter
Bending radius, min., stationary	8 x cable diameter	Sheath material	PVC
Configurable cable length	No	Hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	red, green	Temperature range, stationary	-30...80 °C
Resistant to welding beads	No	Temperature range, moving	-5...60 °C
Number of poles	2	Outside diameter	8 mm ± 0.4 mm

General technical data

Coding	A-coded	Connection thread	M12 / M12
Contact surface	Gold-plated	LED	No
Version	pin, 90° - socket 90°	Housing main material	PUR
Insulation resistance	108 Ω	Contact material	Ni/Au
Nominal voltage	100 V	Protection degree	IP67
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25...+80 °C	Tightening torque	M12: 0.8 - 1.2 Nm

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	100 V

Plug, left

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

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Technical data

Plug, right

Plug right	M12, A-coded, IP67, female contact, angled 90°, Plastic, shielded

Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-07		

FBCEX PA M12 MA-FMA 5M

Drawings

Dimensioned drawing
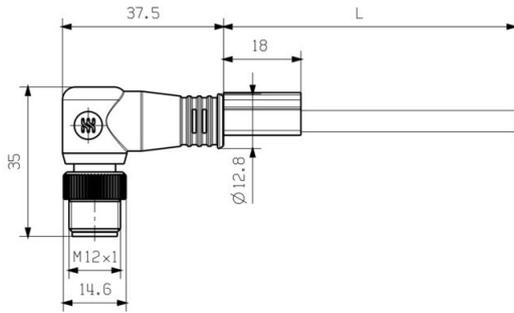
Male, angled
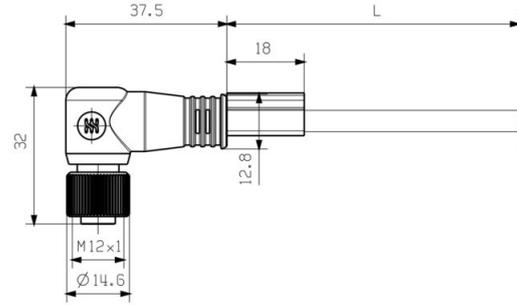
Socket angled

Pole scheme
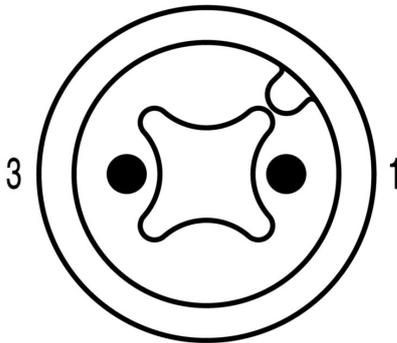
Pin

Pole scheme

Socket

FBCEX PA M12 MA-FMA 5M
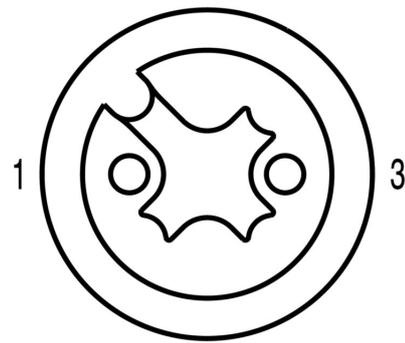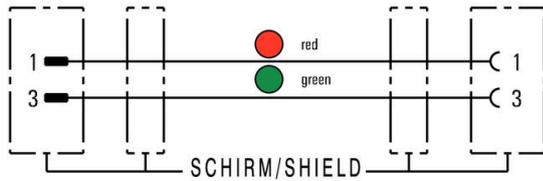
Drawings

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