FBCEX PA M12 M 5M

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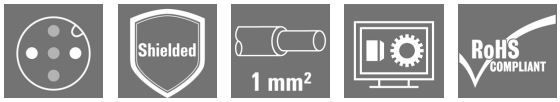

The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

General ordering data

Type	FBCEX PA M12 M 5M
Order No.	1785150500
Version	Bus line, One end without connector, M12, Number of poles: 2, 5 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248195039
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Length	5,000 mm	Length (inches)	196.85 inch
Net weight	390 g		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	2	Core cross-section	1 mm²
Outside diameter	8 mm ± 0.4 mm	Cable length	5 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, straight	Connection thread	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	UNSPSC	26-12-16-03

Approvals

ROHS	Conform

Downloads

Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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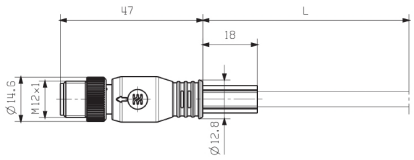
Drawings

Dimensioned drawing



Male, straight

Pole scheme

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