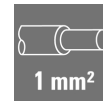


FBCEX PA M12 FMA 1M**Weidmüller Interface GmbH & Co. KG**

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, 1 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1076520100
Type	FBCEX PA M12 FMA 1M
GTIN (EAN)	4032248834044
Qty.	1 pc(s).

FBCEX PA M12 FMA 1M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	106 g
------------	-------

Technical specifications for cable

Bending radius, min., moving	8 x cable diameter	Bending radius, min., stationary	8 x cable diameter
Cable length	1 m	Colour coding	red, green
Configurable cable length	No	Core cross-section	1 mm ²
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 ⁸ 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	Socket, angled	jumpered	No

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	100 V
---------------------	-------------------	---------------	-------

Plug, left

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

Plug, right

Plug right	free conductor end
------------	--------------------

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	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

Environmental Product Compliance

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

Creation date July 16, 2024 8:19:50 PM CEST

Catalogue status 13.07.2024 / We reserve the right to make technical changes.

FBCEX PA M12 FMA 1M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Approvals

Approvals



ROHS

Conform

Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

[FL FIELDWIRING EN](#)

FBCEX PA M12 FMA 1M

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

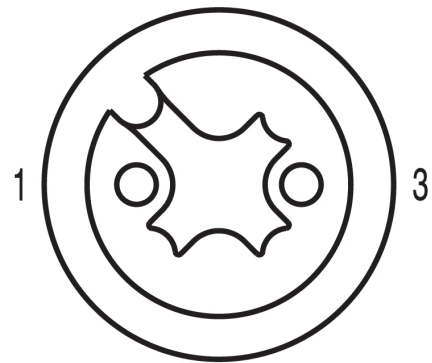
Dimensioned drawing



Socket

Wiring diagram

Pole scheme



Socket

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