

FBC PA M12 FMA 5M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

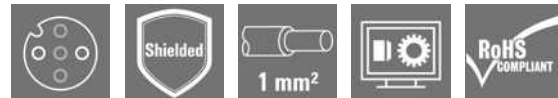
D-32758 Detmold

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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	FBC PA M12 FMA 5M
Order No.	1076530500
Version	Bus line, One end without connector, M12, No. of poles: 2, 5 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248834105
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 408 g

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	Black
Cable length	5 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	Socket, angled	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 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

Approvals

ROHS Conform

Downloads

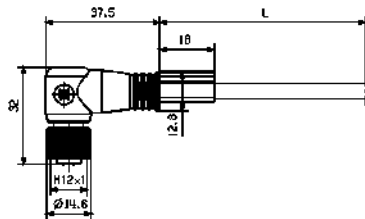
Brochure/Catalogue [FL FIELDWIRING EN](#)
 Engineering Data [EPLAN_WSCAD](#)

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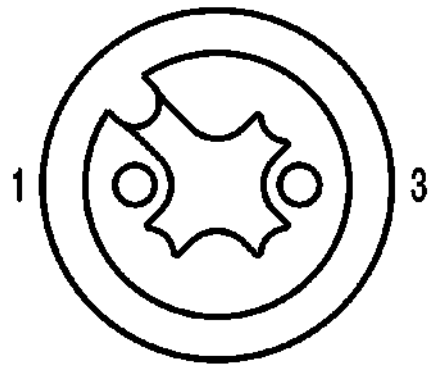
Drawings

Dimensioned drawing



Socket

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