

## FBC PA M12 MA-FMA 1M

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

[www.weidmueller.com](http://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, Connecting line, M12 / M12, Number of poles: 2, 1 m, pin, 90°; - socket 90°; Shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<a href="#">1076550100</a>
Type	FBC PA M12 MA-FMA 1M
GTIN (EAN)	4032248834167
Qty.	1 items
Delivery status	Discontinued
Available until	2025-11-29T00:00:00+01:00

## FBC PA M12 MA-FMA 1M

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

www.weidmueller.com

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

Net weight 106 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	1 m	Sheathing colour	black
Suitable for cable carriers	No	Core cross-section	1 mm <sup>2</sup>
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

**FBC PA M12 MA-FMA 1M**

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

[www.weidmueller.com](http://www.weidmueller.com)

**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	27-06-03-08		

FBC PA M12 MA-FMA 1M

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

www.weidmueller.com

Drawings

Dimensioned drawing



Male, angled



Socket angled

Pole scheme



Pin

Pole scheme



Socket

# 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