

FBC PA M12 M-FM 1M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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

Order No.	1785100100
Type	FBC PA M12 M-FM 1M
Version	Bus line, Connecting line, M12 / M12, No. of poles: 2, 1 m, pin, straight - socket, straight, shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248194711
Qty.	1 pc(s).

FBC PA M12 M-FM 1M**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

www.weidmueller.com

Technical data**Dimensions and weights**

Length	1,000 mm	Net weight	110 g
--------	----------	------------	-------

Technical specifications for cable

No. of poles shielded	2 Yes	Core cross-section	1 mm ²
Colour coding	Red, Green	Insulation	PE
Sheathing colour	Black	Sheath material	PVC
Cable length	1 m	Outer diameter	8.0 ± 0.4 mm
Temperature range, moving, max.	60 °C	Temperature range, moving, min.	-5 °C
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-30 °C
Suitable for cable carriers	No	Halogen	Yes
Bending radius, min., stationary	8 x Kabeldurchmesser	Torsion resistance	0 °/m
Resistant to welding beads	No	Bending radius, min., moving	8 x Kabeldurchmesser

General technical data

Version	pin, straight - socket, straight	Contact tube diameter	M12 / M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP 67
Contact surface	Gold-plated	LED	No
Rated voltage	100 V	Insulation resistance	10 ⁸ Ω
Temperature range of housing	-25...+85 °C	Tightening torque	M12: 0.8 - 1.2 Nm
Plugging cycles jumpered	≥ 100 No	Pollution severity	3

Classifications

ETIM 2.0	EC000237	ETIM 3.0	EC000237
UNSPSC	26-12-16-03	eClass 4.1	27-25-02-01
eClass 5.1	27-25-02-01	eClass 6.2	27-06-03-07
eClass 7.1	27-06-03-07		

Approvals

Approvals	
ROHS	Conform

FBC PA M12 M-FM 1M

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 16
 D-32758 Detmold
 Germany
 Fon: +49 5231 14-0
 Fax: +49 5231 14-292083
 www.weidmueller.com

Drawings

