

## FBC PA M12 M-FM 2M

**Weidmüller Interface GmbH & Co. KG**

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Germany

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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

Order No.	<a href="#">1785100200</a>
Type	FBC PA M12 M-FM 2M
Version	Bus line, Connecting line, M12 / M12, No. of poles: 2, 2 m, pin, straight - socket, straight, shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248194728
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Length	2,000 mm	Net weight	191 g
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**Technical specifications for cable**

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

**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 <sup>8</sup> 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

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**Drawings**

