



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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

Klingenbergstraße 16

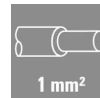
D-32758 Detmold

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.	1785110100
Type	FBC PA M12 FM 1M
Version	Bus line, One end without connector, M12, No. of poles: 2, 1 m, Female socket, straight, shielded: Yes, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248194759
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Length	1,000 mm	Net weight	101 g
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Technical specifications for cable

No. of poles	2	Core cross-section	1 mm ²
shielded	Yes	Insulation	PE
Colour coding	Red, Green	Sheath material	PVC
Sheathing colour	Black	Outer diameter	8.0 ± 0.4 mm
Cable length	1 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	Female socket, straight	Contact tube diameter	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	≥ 100	Pollution severity	3
jumpered	No		

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

