

SAIL-M12BG-PBK38-5.0V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, M12, Number of poles: 4, 5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PVC
Order No.	1431520500
Type	SAIL-M12BG-PBK38-5.0V
GTIN (EAN)	4050118241136
Qty.	1 pc(s).

Creation date March 23, 2021 10:39:21 PM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight	200 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical specifications for cable

Bending radius, min., moving	8 x cable diameter	
Bending radius, min., stationary	4 x cable diameter	
Cable length	5 m	
Colour coding	green, black, red, orange	
Configurable cable length	No	
Core cross-section AWG	AWG 22	
Housing main material	PUR	
Hybrid cable	No	
Insulation	PVC	
Irradiation crosslinked	No	
Number of poles	4	
Number of poles	4	
Outer diameter	7.8 ± 0.2 mm	
Outside diameter	7.8 mm ± 0.2 mm	
Outside diameter	Diameter	7.8 mm
	Signs	±
	Tolerance	0.2 mm
Resistant to welding beads	No	
Sheath material	PVC	
Sheathing colour	violet	
Shielded	Yes	
Suitable for cable carriers	No	

General technical data

Coding	B	Connection thread	M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	250 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M12: 0.8 - 1.2 Nm
Version	Female socket, straight	jumpered	No

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	250 V
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Cable structure

Colour coding	green, black, red, orange	Insulation	PVC
Sheathing colour	violet		

Electrical properties of cable

Insulation strength	10 ⁸ Ω	Rated current	4 A
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www.weidmueller.com**Technical data****Plug, right**

Contact surface

Gold-plated

Housing main material

PUR

Plugging cycles

≥ 100

Classifications

ETIM 6.0

EC002599

ETIM 7.0

EC002599

ECLASS 9.0

27-06-03-08

ECLASS 9.1

27-06-03-08

ECLASS 10.0

27-06-03-08

ECLASS 11.0

27-06-03-08

Approvals

Approvals



ROHS

Conform

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Engineering Data

[EPLAN, WSCAD](#)

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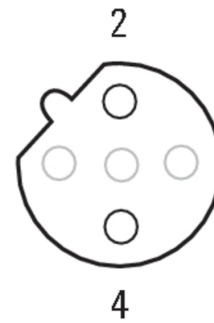
Drawings

Dimensioned drawing



Straight socket

Pole scheme



Socket

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