

SAIL-M12BG-PBK38-3.0V

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™, Ether-CAT and Ethernet.

General ordering data

Version	Bus line, M12, Number of poles: 4, 3 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PVC
Order No.	1431520300
Type	SAIL-M12BG-PBK38-3.0V
GTIN (EAN)	4050118241129
Qty.	1 items
Delivery status	Discontinued
Last order date	2025-11-29T00:00:00+01:00

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Technical data**Approvals**

Approvals



ROHS Conform

Dimensions and weights

Net weight 150 g

Environmental Product Compliance

RoHS Compliance Status Compliant with exemption
 RoHS Exemption (if applicable/known) 6c
 REACH SVHC Lead 7439-92-1
 SCIP 1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Technical specifications for cable

Cable length	3 m	Sheathing colour	violet
Suitable for cable carriers	No	Shielded	Yes
Insulation	PVC	Bending radius, min., moving	8 x cable diameter
Bending radius, min., stationary	4 x cable diameter	Sheath material	PVC
Configurable cable length	No	Hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	No
Core cross-section AWG	AWG 22	Colour coding	green, black, red, orange
Resistant to welding beads	No	Number of poles	4
Outside diameter	7.8 mm ± 0.2 mm		

General technical data

Coding	B-coded	Connection thread	M12
Contact surface	Gold-plated	LED	No
Version	Female socket, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	250 V
Nominal current	4 A	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	250 V
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Plug, left

Plug left	M12, B-coded, IP67, female contact, straight, Plastic, shielded
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Plug, right

Plug right	free conductor end
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Classifications

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-07		

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Drawings

Pole scheme



Straight socket



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

