

SAIL-M12BG-PBK38-10V**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, 10 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PVC
Order No.	1431521000
Type	SAIL-M12BG-PBK38-10V
GTIN (EAN)	4050118241037
Qty.	1 pc(s).

Creation date March 13, 2023 2:07:52 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 400 g

Technical specifications for cable

Bending radius, min., moving	8 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	10 m	Colour coding	green, black, red, orange
Configurable cable length	No	Core cross-section AWG	AWG 22
Hybrid cable	No	Insulation	PVC
Irradiation crosslinked	No	Number of poles	4
Outside diameter	7.8 mm ± 0.2 mm	Resistant to welding beads	No
Sheath material	PVC	Sheathing colour	violet
Shielded	Yes	Suitable for cable carriers	No
Welding spark resistance	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 10⁸ Ω Rated voltage 250 V

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	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	ECLASS 12.0	27-06-03-08

Environmental Product Compliance

REACH SVHC Lead 7439-92-1
 SCIP 1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data [WSCAD](#)
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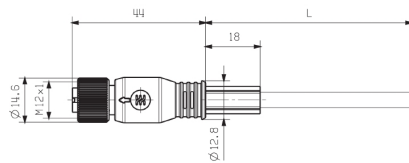
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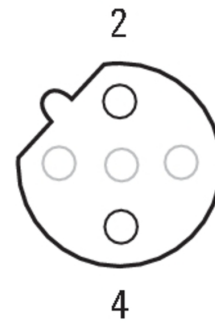
Drawings

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