SAIL-M12BG-PBK38-3.0V

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[TM], EtherCAT 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 pc(s).

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Technical data

Dimensions and weights

Net weight	150 g

Technical specifications for cable

Bending radius, min., moving	8 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	3 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-coded	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

Plug, left

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

Plug, right

Plug right	free conductor end

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	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
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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Technical data

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

Approvals

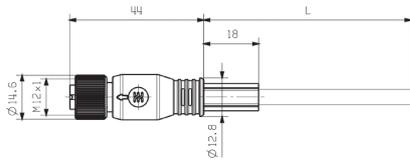|	
Approvals	CE UKCA
Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

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Catalogues	Catalogues in PDF-format
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Drawings

Pole scheme

Straight socket
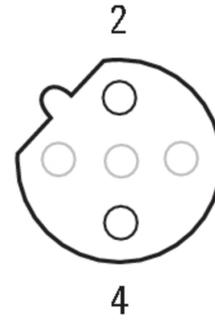
Socket

Wiring diagram

The ideal tool: Screwty ® with torque function

2	DATA A
4	DATA B

Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F

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