

SAIL-M12BW-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™, EtherCAT and Ethernet.

General ordering data

Version	Bus line, M12, Number of poles: 4, 3 m, Socket, angled, Shielded: Yes, LED: No, Sheath material: PVC
Order No.	1431510300
Type	SAIL-M12BW-PBK38-3.0V
GTIN (EAN)	4050118241150
Qty.	1 pc(s).

Creation date March 23, 2021 10:38:57 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 150 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

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		
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	Socket, angled	jumpered	No

Electrical properties

Insulation strength 10⁸ Ω Rated voltage 250 V

Cable structure

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

Electrical properties of cable

Insulation strength 10⁸ Ω Rated current 4 A

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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

Downloads

Engineering Data	STEP
Engineering Data	EPLAN.WSCAD

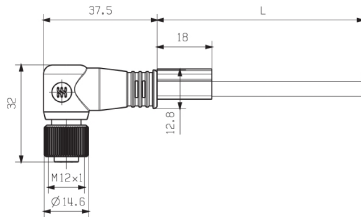
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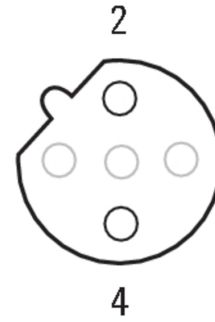
Drawings

Dimensioned drawing



Socket angled

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