

SAIL-M12BW-3-2.0V

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

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Germany

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Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12BW-3-2.0V
Order No.	1925630200
Version	Sensor/actuator line, One end without connector, M12, Number of poles : 3, 2 m, Socket, angled, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248907960
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 84 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Number of poles	3	Core cross-section	0.34 mm ²
Outside diameter	4.9 ± 0.2 mm	Cable length	2 m
Shielded	No	Insulation	PVC
Colour coding	brown, blue, black	Sheath material	PVC
Sheathing colour	black	Halogen	Yes
Temperature range, moving	-5...80 °C	Temperature range, stationary	-30...80 °C
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Suitable for cable carriers	No
Torsion resistance	0 °/m	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

General technical data

Version	Socket, angled	Connection thread	M12
Housing main material	PUR	Threaded ring material	Diecast zinc
Coding	A	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Contact surface	Gold-plated	LED	No
Rated voltage	250 V	Rated current	4 A
Insulation strength	10 ⁸ Ω	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	Plugging cycles jumpered	No

Standards

Connector standard IEC 61076-2-101 Certificate no. (cULus) E307231

Classifications

ETIM 3.0	EC000830	ETIM 4.0	EC000830
ETIM 5.0	EC000830	ETIM 6.0	EC001855
eClass 6.2	27-06-91-90	eClass 7.1	27-06-91-90
eClass 8.1	27-06-91-90	eClass 9.0	27-06-03-11
eClass 9.1	27-06-03-11		

Approvals

Approvals



ROHS

Conform

Data sheet

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Technical data

Downloads

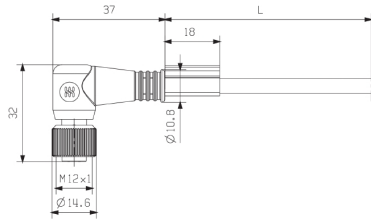
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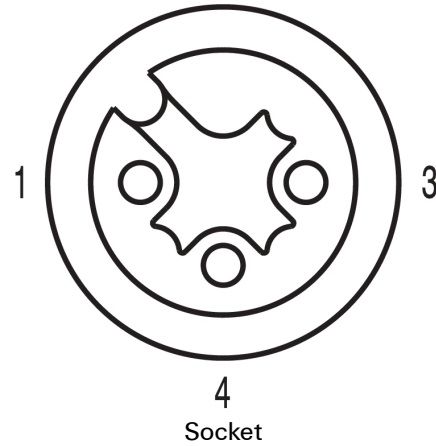
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Drawings

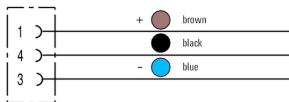
Dimensioned drawing



Pole scheme



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