

SAIL-M12BW-12S2.0U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

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Germany

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www.weidmueller.com



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.

Our sensor cables come with 360° shielding which provides protection against electromagnetic interference. Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIL-M12BW-12S2.0U
Order No.	1424280200
Version	Sensor/actuator line, M12, Number of poles : 12, 2 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118465471
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 115 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Number of poles	12	Core cross-section	0.14 mm ²
Cable length	2 m	Shielded	Yes
Insulation		Colour coding	black, yellow, pink, grey / pink, green, white, blue, violet, brown, red, grey, red / blue
	PP	Sheathing colour	black
Sheath material	PUR	Temperature range, moving	-30...90 °C
Halogen	No	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Temperature range, stationary	-40...90 °C	Suitable for cable carriers	Yes
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Bending radius, min., stationary	5 x cable diameter
Torsion resistance	0 °/m	Acceleration	5 m/s ²
Bending radius, min., moving	12 x cable diameter	Bending cycles	1 mill.
Speed	100 m/min		
Configurable cable length	No		

General technical data

Connection thread	M12	Housing main material	TPU
Threaded ring material	Diecast zinc	Coding	A
Protection degree	IP67, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	30 V
Rated current	1.5 A	Insulation strength	10 ⁸ Ω
Temperature range of housing	-25...+80 °C	Tightening torque	M12: 0.8 - 1.2 Nm
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No		

Standards

Certificate no. (cULus) E307231

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11
eClass 10.0	27-06-03-11		

Approvals

Approvals



ROHS

Conform

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Technical data

Downloads

Brochure/Catalogue

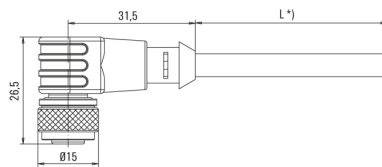
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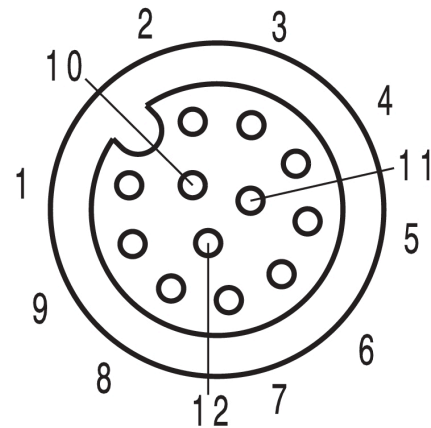
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Drawings

Dimensioned drawing



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