

SAIL-M12BW-4-2L20V

Weidmüller Interfaces GmbH & Co. KG

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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

Version	Sensor/actuator line, One end without connector, M12, Number of poles : 4, 20 m, Socket, angled, Shielded: No, LED: Yes, Sheath material: PVC, Halogen: Yes
Order No.	1925472000
Type	SAIL-M12BW-4-2L20V
GTIN (EAN)	4050118455076
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight 39 g

Technical specifications for cable

Cable length	20 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	0.34 mm ²
Halogen	Yes	Insulation	PVC
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	5.3 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PVC
Sheathing colour	black	Shielded	No
Suitable for cable carriers	No	Temperature range, moving	-5...80 °C
Temperature range, stationary	-30...80 °C	Torsion resistance	0 °/m
Welding spark resistance	No		

General technical data

Coding	A	Connection thread	M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	Yes
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67, IP68, when screwed in, IP65, IP66	Rated current	4 A
Rated voltage	24 V	Temperature range of housing	-40 ... +85 °C
Threaded ring material	Diecast zinc	Tightening torque	M12: 0.8 - 1.2 Nm
Version	Socket, angled	jumpered	No

Electrical properties

Insulation strength 10⁸ Ω Rated voltage 24 V

General standards

Certificate No. (CSA) 200039-2372994 Connector standard IEC 61076-2-101

Standards

Connector standard IEC 61076-2-101

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11

Environmental Product Compliance

REACH SVHC Lead 7439-92-1
 SCIP 1c533b66-fcff-4da5-b89f-fd555fbf5cb55

Data sheet**SAIL-M12BW-4-2L20V****Weidmüller Interfaces GmbH & Co. KG**

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Approvals



ROHS

Conform

Downloads

Engineering Data

[CAD data – STEP](#)

Product Change Notification

[DE - Technische Änderung zu M12 Gewinding mit 6-Kant](#)
[EN - Technical change to M12 nut with additional hexagonal mounting](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

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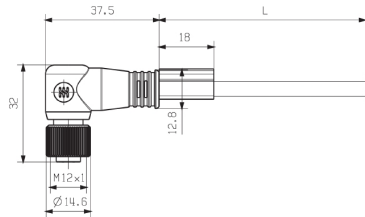
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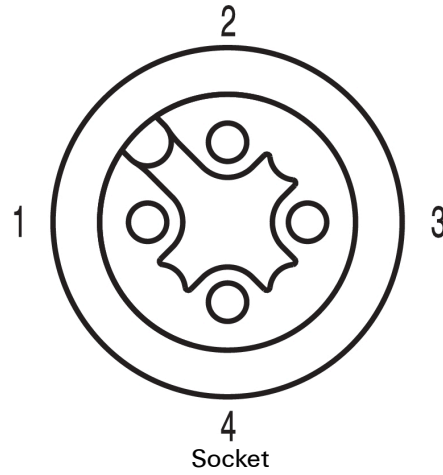
Drawings

Dimensioned drawing



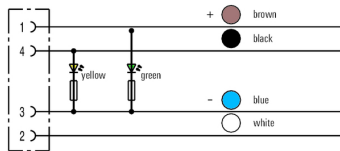
Angled socket

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