

SAIL-M12GM12W-3L5.0V

Weidmüller Interface GmbH & Co. KG

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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-M12GM12W-3L5.0V
Order No.	1925410500
Version	Sensor/actuator line, Connecting line, M12 / M12, Number of poles : 3, 5 m, pin, straight - socket, 90°, Shielded: No, LED: Yes, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248569915
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	202 g
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Temperatures

Operating temperature range, max.	80 °C	Operating temperature range, min.	-5 °C
Operating temperature, max.	80 °C	Operating temperature, min.	-5 °C

Technical specifications for cable

Number of poles	3	Core cross-section	0.34 mm ²
Outside diameter	4.9 ± 0.2 mm	Shielded	No
Insulation	PVC	Colour coding	brown, blue, black
Sheath material	PVC	Sheathing colour	Black
Cable length	5 m	Temperature range, moving	-5...80 °C
Temperature range, stationary	-30...80 °C	Halogen	Yes
Suitable for cable carriers	No	Torsion resistance	0 °/m
Resistant to welding beads	No		

General technical data

Version	pin, straight - socket, 90°	connection thread	M12 / M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Contact surface	Gold-plated	LED	Yes
Rated voltage	24 V	Rated current	4 A
Insulation resistance	10 ⁸ Ω	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Standards

Connector standard	IEC 61076-2-101	Certificate No. (UL)	E307231
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Classifications

ETIM 3.0	EC001855	ETIM 4.0	EC001855
ETIM 5.0	EC001855	ETIM 6.0	EC001855
UNSPSC	26-12-16-13	eClass 5.1	27-06-91-90
eClass 6.2	27-27-92-18	eClass 7.1	27-06-91-90
eClass 8.1	27-06-91-90	eClass 9.0	27-06-91-90
eClass 9.1	27-06-03-11		

Product information

Descriptive text ordering data	Other versions on request
Descriptive text technical data	Chapter W includes additional technical specifications for the cable

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Technical data**Approvals**

Approvals



ROHS

Conform

Downloads

Brochure/Catalogue

[CAT 8 SAI 15/16 EN](#)
[FL FIELDWIRING EN](#)

Engineering Data

[EPLAN, WSCAD](#)

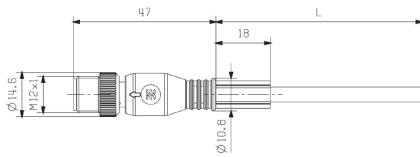
Data sheet

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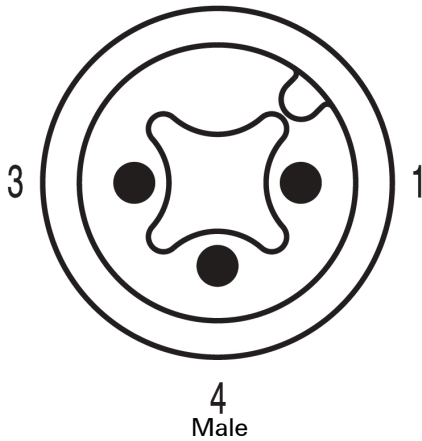
Drawings

Dimensioned drawing



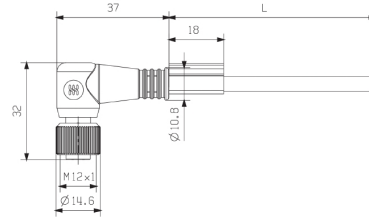
Male, straight

Pole scheme



4
Male

Dimensioned drawing



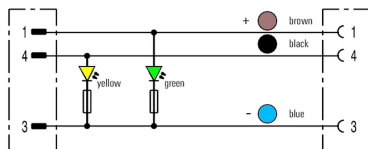
Angled socket

Pole scheme



4
Socket

Wiring diagram



The ideal tool, the 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