

SAIL-M8BG-3-5.0V**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

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.

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

General ordering data

Type	SAIL-M8BG-3-5.0V
Order No.	1927240500
Version	Sensor/actuator line, One end without connector, M12 / M8, Number of poles : 3, 5 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4032248574902
Qty.	1 pc(s).

Creation date August 6, 2020 7:54:56 PM CEST

Catalogue status 24.07.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight	148 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.	-25 °C

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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Technical specifications for cable

Number of poles	3	Core cross-section	0.25 mm ²
Outside diameter	4.5 mm ± 0.2 mm	Cable length	5 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
Configurable cable length	No		

General technical data

Version	Female socket, straight	Connection thread	M12 / M8
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	none	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Contact surface	Gold-plated	LED	No
Rated voltage	60 V	Rated current	4 A
Insulation strength	10 ⁸ Ω	Temperature range of housing	-25...+80 °C
Tightening torque	M8: 0.5 - 0.6 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Standards

Connector standard	IEC 61076-2-101, IEC 61076-2-104	Certificate No. (CSA)	200039-2372994
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	UNSPSC	26-12-16-13

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Technical data

Approvals

Approvals



ROHS

Conform

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Brochure/Catalogue

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

Engineering Data

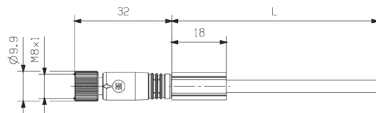
[EPLAN, WSCAD](#)

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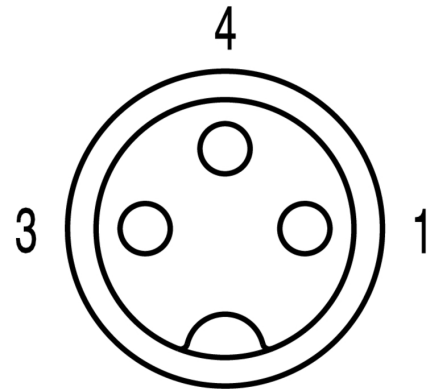
Drawings

Dimensioned drawing



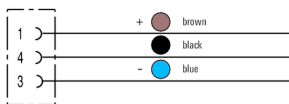
Straight socket

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