

SAIL-M8BG-3S0.3U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image



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

Version	Sensor/actuator line, M8, Number of poles : 3, 0.3 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR
Order No.	1906600030
Type	SAIL-M8BG-3S0.3U
GTIN (EAN)	4050118760002
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 15 g

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	2 Mio
Bending radius, min., moving	12 x conductor cross-section	Bending radius, min., stationary	5 x cable diameter
Cable length	0.3 m	Colour coding	brown, blue, black
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Irradiation crosslinked	No
Number of poles	3	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)
Outside diameter	4.8 mm ± 0.2 mm	Sheath material	PUR
Sheathing colour	black	Shielded	Yes
Speed	100 m/s		

General technical data

AF size	9 mm	Connection thread	M8
Contact surface	Gold-plated	LED	No
Temperature range of housing	-25...+85 °C	Threaded ring material	Diecast zinc
Tightening torque	M8: 0.5 - 0.6 Nm	Version	Female socket, straight
jumpered	No		

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	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
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Approvals

Approvals



ROHS Conform

Downloads

Engineering Data	CAD data – STEP
Product Change Notification	PCN-PB46-20250213-00-A-de.pdf PCN-PB46-20250213-00-A-en.pdf
Catalogues	Catalogues in PDF-format

Data sheet

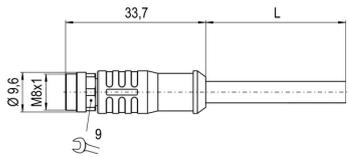
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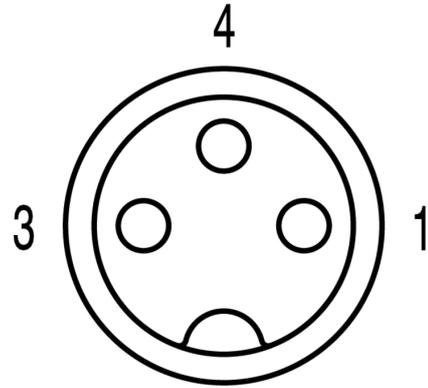
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Drawings

Dimensioned drawing

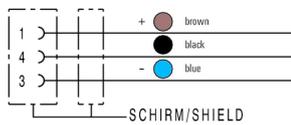


Pole scheme



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