

SAIL-M8GM8G-5-3.0U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Version	Sensor/actuator line, M8 / M8, Number of poles : 5, 3 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	2475210300
Type	SAIL-M8GM8G-5-3.0U
GTIN (EAN)	4050118486827
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	100 g
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Environmental Product Compliance

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

Acceleration	5 m/s ²	Bending cycles	12 Mio
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	3 m	Configurable cable length	No
Core cross-section	0.25 mm ²	Halogen	No
Housing main material	PUR	Insulation	PP
Number of poles	5	Number of poles	5
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Outer diameter	5.0 ± 0.2 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	No
Speed	5 m/s	Suitable for cable carriers	Yes
Temperature range, moving	-25...80 °C	Temperature range, moving, max.	80 °C
Temperature range, moving, min.	-25 °C	Temperature range, stationary	-40...80 °C
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-40 °C
Torsion resistance	360 °/m		

General technical data

Coding	B	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP69K	Rated current	3 A
Rated voltage	60 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Nickel-plated CuZn	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, straight - socket, straight		

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	ECLASS 11.0	27-06-03-11

Approvals

ROHS	Conform
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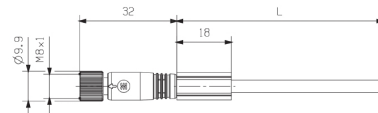
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Drawings

Dimensioned drawing

Dimensioned drawing

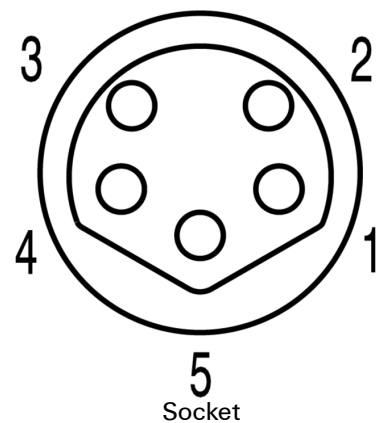
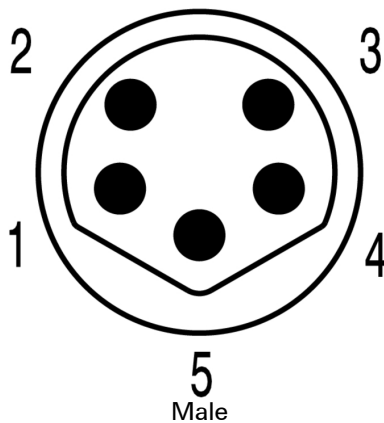


Male, straight

Straight socket

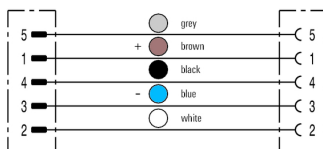
Pole scheme

Pole scheme



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