

**SAIL-M8GM8G-5-2.0U****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, 2 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">2475210200</a>
Type	SAIL-M8GM8G-5-2.0U
GTIN (EAN)	4064675367765
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Net weight	250 g
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### Technical specifications for cable

Acceleration	5 m/s <sup>2</sup>	Bending cycles	12 Mio
Bending cycles at torsion	> 5 Mio.	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Cable length	2 m
Configurable cable length	No	Core cross-section	0.25 mm <sup>2</sup>
Halogen	No	Insulation	PP
Irradiation crosslinked	No	Number of poles	5
Outer cladding in accordance with UL AWM style		Resistance to spread of flame	In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2
	20549 (80 °C / 300 V)	Sheath material	PUR
Resistant to welding beads	No	Shielded	No
Sheathing colour	black	Suitable for cable carriers	Yes
Speed	5 m/s	Temperature range, stationary	-40...80 °C
Temperature range, moving	-25...80 °C	Welding spark resistance	No
Torsion resistance	360 °/m		

### General technical data

Coding	B-coded	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
LED	No	Pollution severity	3
Protection degree	IP69K, IP65, IP66	Rated current	3 A
Rated voltage	60 V	Temperature range of housing	-25...+85 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, straight - socket, straight		

### Electrical properties

Rated voltage	60 V
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### Plug, left

Plug left	M8, IP67, male contact, straight, Plastic, unshielded
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### Plug, right

Plug right	M8, IP67, female contact, straight, Plastic, unshielded
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### Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	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

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

**Approvals**

Approvals



ROHS	Conform
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**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
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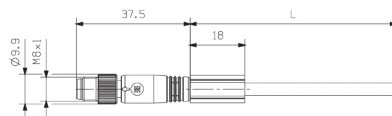
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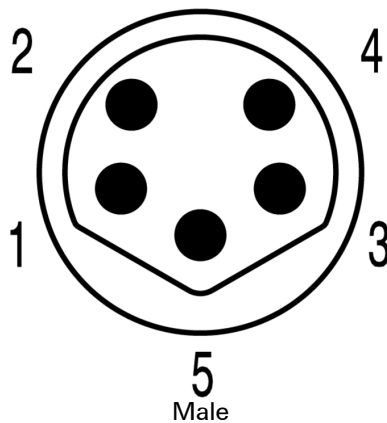
## Drawings

### Dimensioned drawing

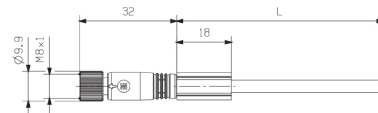


Male, straight

### Pole scheme

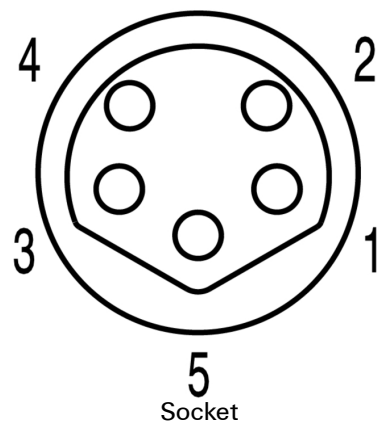


### Dimensioned drawing



Straight socket

### 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