

## SAIL-M8GM8SG-4S2.0UIE

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)



The most reliable way of achieving connections between two I/O slaves or between the control and one I/O subscriber is by way of pre-assembled cables. The line of cables covers PROFIBUS, CANopen, DeviceNet™, EtherCAT and Ethernet.

### General ordering data

Version	Bus line, Connecting line, M8 / M8, Number of poles: 4, 2 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1160930200</a>
Type	SAIL-M8GM8SG-4S2.0UIE
GTIN (EAN)	4032248949090
Qty.	1 pc(s).

Creation date February 1, 2022 4:37:18 PM CET

Catalogue status 14.01.2022 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Net weight 73 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Technical specifications for cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	2 m	Colour coding	blue, orange, white / blue, white / orange
Configurable cable length	No	Core cross-section	0.15 mm <sup>2</sup>
Halogen	No	Hybrid cable	No
Insulation	PP	Irradiation crosslinked	No
Number of poles	4	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Outside diameter	4.8 mm ± 0.3 mm	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	green
Shielded	Yes	Speed	180 m/min
Suitable for cable carriers	Yes	Temperature range, stationary	-40...80 °C

**General technical data**

Coding	none	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67	Rated current	4 A
Rated voltage	30 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	Male, straight - male, straight	jumpered	No

**Electrical properties**Insulation strength 10<sup>8</sup> Ω Rated voltage 30 V**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08		

**Approvals**

Approvals



ROHS

Conform

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2

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Engineering Data	<a href="#">EPLAN, WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

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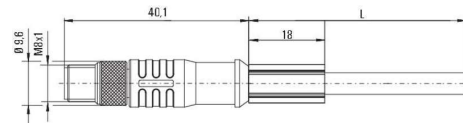
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Drawings

Dimensioned drawing

Dimensioned drawing

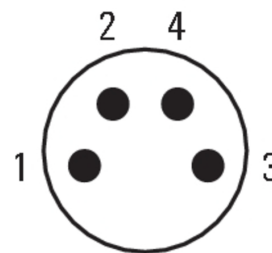
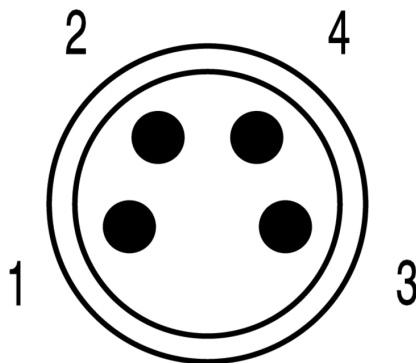


Male, straight

Male, straight

Pole scheme

Pole scheme

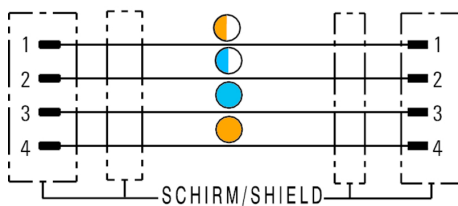


Pin

Male connector

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