

SAIL-M8GM8SG-4S2.5UIE**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, 2.5 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1160930250
Type	SAIL-M8GM8SG-4S2.5UIE
GTIN (EAN)	4050118119268
Qty.	1 pc(s).

Creation date January 21, 2022 11:44:47 AM 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 87 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	2.5 m	Colour coding	blue, orange, white / blue, white / orange
Configurable cable length	No	Core cross-section	0.15 mm ²
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 ⁸ 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 propertiesInsulation strength 10⁸ 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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Technical data

Downloads

Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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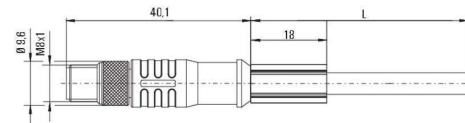
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Drawings

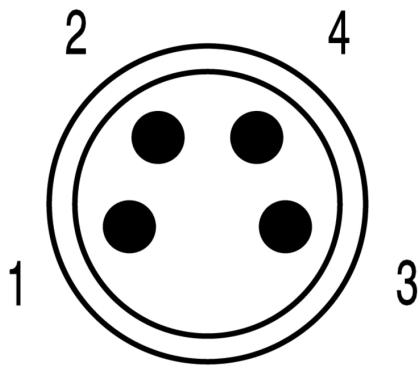
Dimensioned drawing

Dimensioned drawing



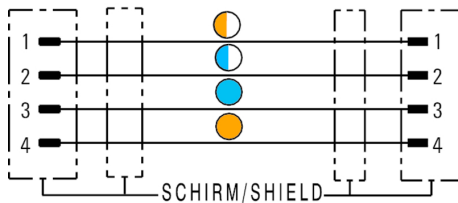
Male, straight

Pole scheme



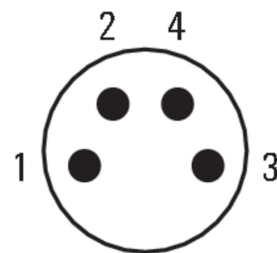
Pin

Wiring diagram



Male, straight

Pole scheme



Male connector

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

Mouser Electronics

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