

**SAIL-M8G-4S1.0UIE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Product image**

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, One end without connector, M8, Number of poles: 4, 1 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1160820100</a>
Type	SAIL-M8G-4S1.0UIE
GTIN (EAN)	4032248948895
Qty.	1 pc(s).

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

Net weight 33 g

**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	1 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/s
Suitable for cable carriers	Yes	Temperature range, stationary	-40...80 °C
Welding spark resistance	No		

**General technical data**

AF size	9 mm	Coding	none
Connection thread	M8	Contact surface	Gold-plated
Housing main material	PUR	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	pin, straight	jumpered	No

**Electrical properties**

Rated voltage 30 V

**General standards**

Certificate no. (cULus) E307231

**Plug, left**

Plug left M8, IP67, male contact, straight, Plastic, shielded

**Plug, right**

Plug right free conductor end

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**Technical data****Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	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	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

**Environmental Product Compliance**

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

**Approvals**

Approvals



Approvals MAMID	<a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a>
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

**Downloads**

Engineering Data	<a href="#">CAD data – STEP</a>
Product Change Notification	<a href="#">PCN-PB46-20250213-00-A-de.pdf</a> <a href="#">PCN-PB46-20250213-00-A-en.pdf</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

**Data sheet**

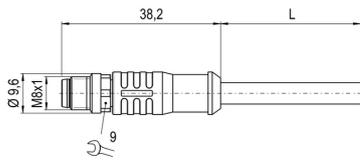
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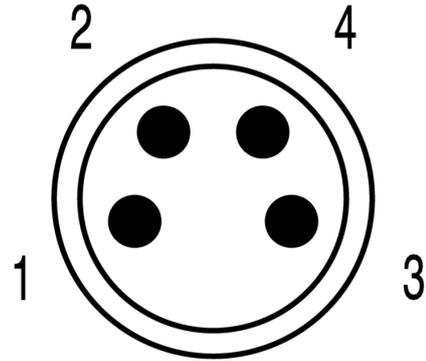
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**Drawings**

**Pole scheme**

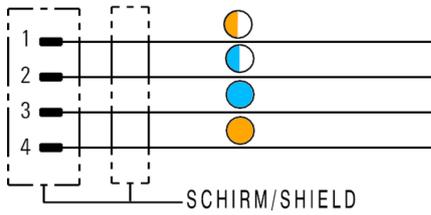


Male, straight



Pin

**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