

**SAIL-M8GM8SG-4S0.1UIE****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, 0.1 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1160930010</a>
Type	SAIL-M8GM8SG-4S0.1UIE
GTIN (EAN)	4032248949045
Qty.	1 pc(s).

**SAIL-M8GM8SG-4S0.1UIE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

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

Net weight	16 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	0.1 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**

Coding	none	Connection thread	M8 / 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	Male, straight - male, straight
jumpered	No		

**Electrical properties**

Rated voltage	30 V
---------------	------

**Plug, left**

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

**Plug, right**

Plug right	M8, IP67, male contact, straight, Plastic, shielded
------------	---

**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	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

**SAIL-M8GM8SG-4S0.1UIE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

**Approvals**

Approvals



ROHS	Conform
------	---------

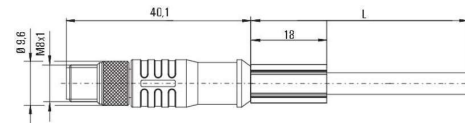
**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

**SAIL-M8GM8SG-4S0.1UIE**

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

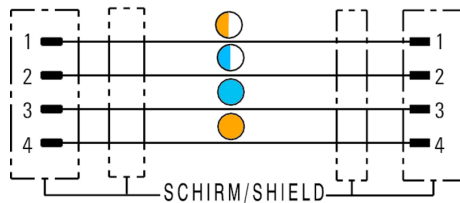
[www.weidmueller.com](http://www.weidmueller.com)

**Drawings****Dimensioned drawing****Dimensioned drawing**

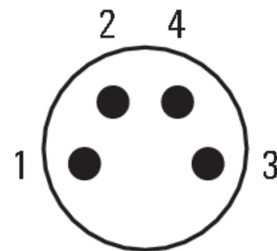
Male, straight

**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