

**SAIL-M8GM8SG-4S2.5UIE**

**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™, Ether-CAT 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.	<a href="#">1160930250</a>
Type	SAIL-M8GM8SG-4S2.5UIE
GTIN (EAN)	4050118119268
Qty.	1 items

**SAIL-M8GM8SG-4S2.5UIE**

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

www.weidmueller.com

**Technical data****Approvals**

Approvals



ROHS Conform

**Dimensions and weights**

Net weight 76.56 g

**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

**Technical specifications for cable**

Cable length	2.5 m	Sheathing colour	green
Suitable for cable carriers	Yes	Core cross-section	0.15 mm <sup>2</sup>
Shielded	Yes	Halogen	No
Insulation	PP	Acceleration	5 m/s <sup>2</sup>
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Bending cycles	5 Mio	Speed	180 m/s
Sheath material	PUR	Configurable cable length	No
Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)	Hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	blue, orange, white / blue, white / orange	Temperature range, stationary	-40...80 °C
Resistant to welding beads	No	Number of poles	4
Outside diameter	4.8 mm ± 0.3 mm		

**General technical data**

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

**Electrical properties**

Nominal voltage 30 V

**Plug, left**

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

**SAIL-M8GM8SG-4S2.5UIE**

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

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

**Technical data****Plug, right**

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

**Classifications**

ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

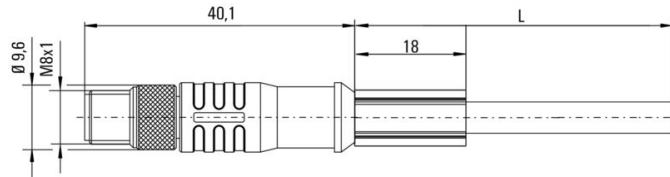
SAIL-M8GM8SG-4S2.5UIE

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

www.weidmueller.com

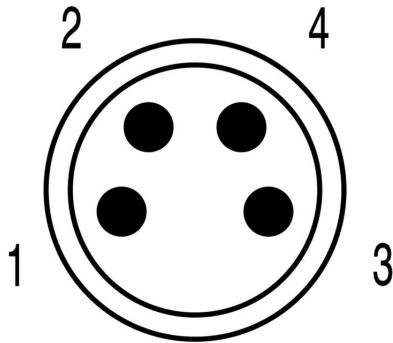
Drawings

Dimensioned drawing



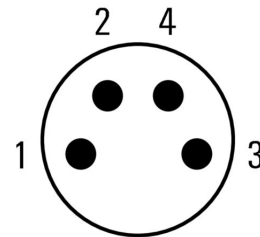
Dimensioned drawing

Pole scheme



Male

Pole scheme



Male connector

**SAIL-M8GM8SG-4S2.5UIE**

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

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

Drawings

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