

**SAIL-M12GM8SG-4S15UIE****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, M12 / M8, Number of poles: 4, 15 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1296791500</a>
Type	SAIL-M12GM8SG-4S15UIE
GTIN (EAN)	4050118110975
Qty.	1 pc(s).

Creation date March 13, 2023 12:56:10 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Net weight 466 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	15 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
Welding spark resistance	No		

### General technical data

Connection thread	M12 / 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, M12: 0.8 - 1.2 Nm
Version	Male, straight - male, straight	jumpered	No

### Electrical properties

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	ECLASS 12.0	27-06-03-08

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1  
 SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

### Approvals

Approvals



ROHS Conform

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**Data sheet****SAIL-M12GM8SG-4S15UIE****Weidmüller Interface GmbH & Co. KG**  
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Engineering Data	<a href="#">WSCAD</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a>

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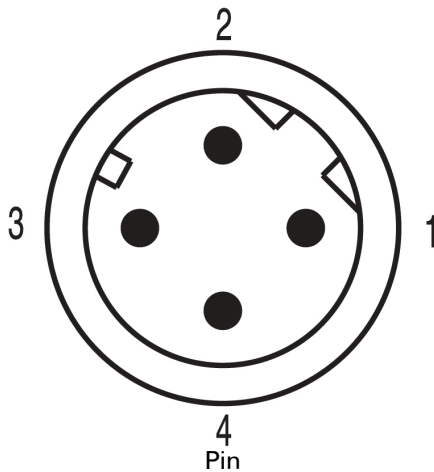
Drawings

**Dimensioned drawing**

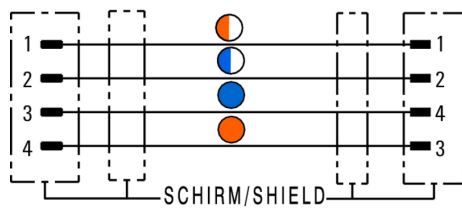


Male, straight

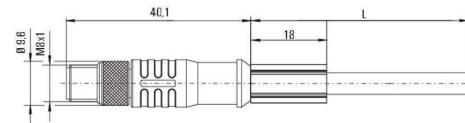
**Pole scheme**



**Wiring diagram**

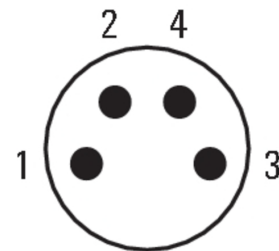


**Dimensioned drawing**



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