

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

Klingenbergstraße 16

D-32758 Detmold

Germany

Fon: +49 5231 14-0

Fax: +49 5231 14-292083

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**

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

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## Technische Daten

### Dimensions and weights

Net weight 36 g

### Technical specifications for cable

No. of poles shielded	4 Yes	Core cross-section	0.15 mm <sup>2</sup>
Colour coding	Blue, Orange, white / blue, white / orange	Insulation	PP
Sheathing colour	Green	Sheath material	PUR
Cable length	1 m	Outer diameter	4.8 - 0.3 mm
Temperature range, stationary, max.	80 °C	Temperature range, stationary, min.	-40 °C
Suitable for cable carriers	Yes	Halogen	No
Bending radius, min., stationary	4 x cable diameter	Torsion resistance	0 °/m
Acceleration	5 m/s <sup>2</sup>	Bending radius, min., moving	7.5 x cable diameter
Bending cycles	5 Mio	Speed	180 m/min
		Resistant to welding beads	No

### General technical data

Version	pin, straight	Contact tube diameter	M8
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	none	Protection degree	IP 67
Contact surface	Gold-plated	LED	No
Rated voltage	30 V	Rated current	4 A
Insulation resistance	10 <sup>8</sup> Ω	Temperature range of housing	-25...+80 °C
Tightening torque	M8: 0.5 - 0.6 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

### Classifications

ETIM 3.0	EC001855	eClass 6.2	27-27-92-18
eClass 7.1	27-06-91-90		

### Approvals

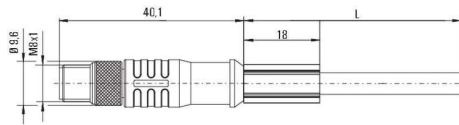
ROHS Conform

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# Zeichnungen

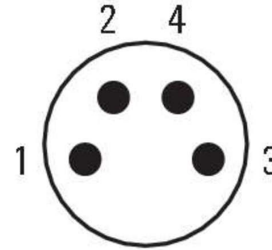
### Dimensioned drawing



Male, straight

### Circuit diagram

### Pole scheme



Pin

### The ideal tool, the Screwty<sup>®</sup> 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