

**SAIL-M8G-4S2.0UIE****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, One end without connector, M8, Number of poles: 4, 2 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1160820200</a>
Type	SAIL-M8G-4S2.0UIE
GTIN (EAN)	4032248948901
Qty.	1 pc(s).

Creation date March 23, 2021 7:04:43 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

## SAIL-M8G-4S2.0UIE

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

### Dimensions and weights

Net weight 66.2 g

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### 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	2 m		
Colour coding	blue, orange, white / blue, white / orange		
Configurable cable length	No		
Core cross-section	0.15 mm <sup>2</sup>		
Halogen	No		
Housing main material	PUR		
Hybrid cable	No		
Insulation	PP		
Irradiation crosslinked	No		
Number of poles	4		
Number of poles	4		
Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)		
Outer diameter	4.8 - 0.3 mm		
Outside diameter	Diameter	4.8 mm	
	Signs	±	
	Tolerance	0.3 mm	
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		
Temperature range, stationary, max.	80 °C		
Temperature range, stationary, min.	-40 °C		

### General technical data

Coding	none	Connection thread	M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	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	jumped	No

### Electrical properties

Insulation strength 10<sup>8</sup> Ω      Rated voltage 30 V

Creation date March 23, 2021 7:04:43 AM CET

**SAIL-M8G-4S2.0UIE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****General standards**

Certificate no. (cULus) E307231

**Cable structure**

Colour coding	blue, orange, white / blue, white / orange	Insulation	PP
Sheathing colour	green		

**Electrical properties of cable**

Insulation strength	10 <sup>8</sup> Ω	Rated current	4 A
Speed	180 m/min		

**Mechanical and material properties of cable**

Acceleration	5 m/s <sup>2</sup>	Bending cycles	5 Mio
Halogen	No	Speed	180 m/min

**Plug, right**

Contact surface	Gold-plated	Housing main material	PUR
Plugging cycles	≥ 100		

**Classifications**

ETIM 6.0	EC002599	ETIM 7.0	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

**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E307231

**Downloads**Engineering Data [EPLAN, WSCAD](#)

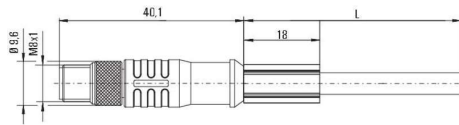
**SAIL-M8G-4S2.0UIE**

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

www.weidmueller.com

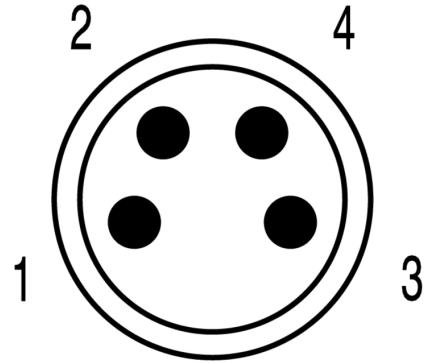
**Drawings**

**Dimensioned drawing**



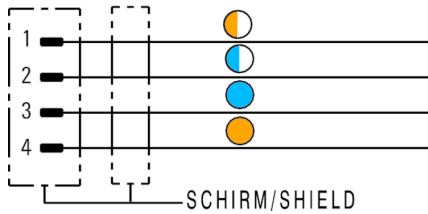
Male, straight

**Pole scheme**



Pin

**Wiring diagram**



**The ideal tool: 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