SAIL-M8GM8SG-4S5.0UIE

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, Connecting line, M8 / M8, Number of poles: 4, 5 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1160930500
Type	SAIL-M8GM8SG-4S5.0UIE
GTIN (EAN)	4032248949120
Qty.	1 pc(s).

Creation date March 23, 2021 7:06:00 AM CET

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Technical data

Dimensions and weights

Net weight	159 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Acceleration	5 m/s²	
Bending cycles	5 Mio	
Bending radius, min., moving	7.5 x cable diameter	
Bending radius, min., stationary	4 x cable diameter	
Cable length	5 m	
Colour coding	blue, orange, white / blue, white / orange	
Configurable cable length	No	
Core cross-section	0.15 mm²	
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 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10^8 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	Male, straight - male, straight	jumpered	No

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Technical data

Electrical properties

Insulation strength	10^8 Ω	Rated voltage	30 V

Cable structure

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

Electrical properties of cable

Insulation strength	10^8 Ω	Rated current	4 A
Speed	180 m/min		

Mechanical and material properties of cable

Acceleration	5 m/s²	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	EAC
ROHS	Conform

Downloads

Engineering Data	EPLAN, WSCAD

Weidmüller

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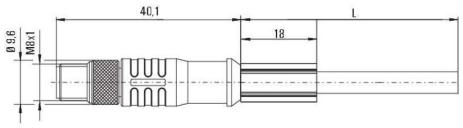
Drawings

Dimensioned drawing

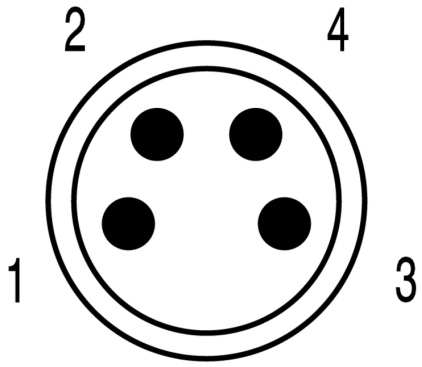
Male, straight

Dimensioned drawing



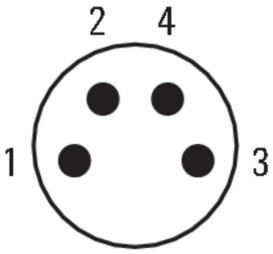
Male, straight

Pole scheme



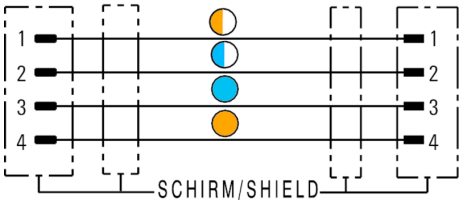
Pin

Pole scheme



Male connector

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