Data sheet

SAIL-M8G-4S1.0UIE

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, DeviceNetTM, EtherCAT and Ethernet.

General ordering data

Version	Bus line, One end without connector, M8, Number of poles: 4, 1 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1160820100
Type	SAIL-M8G-4S1.0UIE
GTIN (EAN)	4032248948895
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Dimensions and weights

Net weight	29.04 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	1 m	Sheathing colour	green
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	Yes
Core cross-section	0.15 mm²	Number of wires	4
Shielded	Yes	Halogen	No
Insulation	PP	Acceleration	5 m/s²
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Bending cycles	5 Mio	Resistance to spread of flame	in accordance with IEC 60332-1-2
Speed	180 m/min	Sheath material	PUR
Cable length configurable	No	Type is hybrid cable	No
Irradiation crosslinked	No	Welding spark resistance	No
Colour coding	white / orange, white / blue, blue, orange	Temperature range, stationary	-40...80 °C
Resistant to welding beads	No	Temperature range, moving	-30...70 °C
Number of poles	4	Outside diameter	4.8 mm - 0.3 mm

General technical data

Coding	M8 = none	Connection thread	M8
Contact surface	Gold-plated	LED	No
Version	pin, straight	Housing main material	PUR
Insulation resistance	108 Ω	Nominal voltage	60 V
Nominal current	4 A	AF size	9 mm
Protection degree	IP65, IP67, when screwed in	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-30...+90 °C
Tightening torque	M8: 0.6 Nm		

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	60 V

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General standards

Connector standard	IEC 61076-2-104	Certificate no. (cULus)	E307231

Plug, left

Plug left	M8, Number of poles: 4, IP67, male contact, straight, plug, shielded

Plug, right

Plug right	Free conductor end

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		

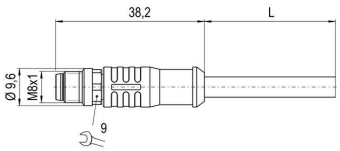
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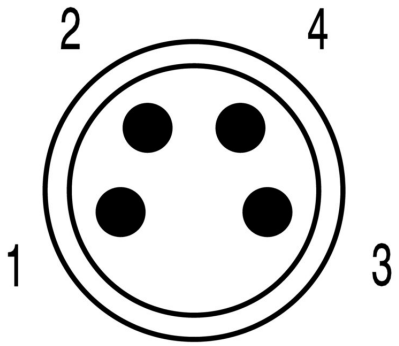
Drawings

Dimensioned drawing



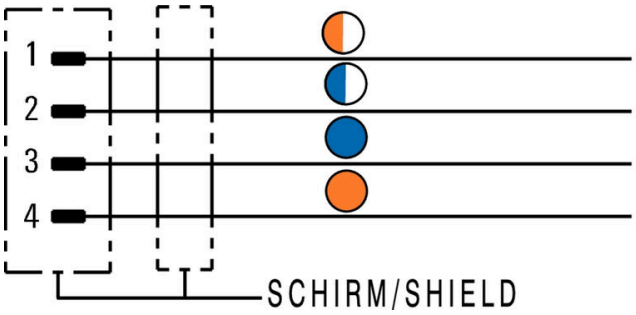
Male, straight

Pole scheme



Pin

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

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Drawings