

SAIL-M8G-4S20UIE**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, 20 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1160822000
Type	SAIL-M8G-4S20UIE
GTIN (EAN)	4050118770704
Qty.	1 items

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Technical data

Approvals

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ROHS Conform

Dimensions and weights

Net weight 400 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	20 m	Sheathing colour	green
Resistance to oils	in accordance with IEC 60811:404	Suitable for cable carriers	Yes
Core cross-section	0.15 mm ²	Number of wires	4
Shielded	Yes	Halogen	No
Insulation	PP	Acceleration	5 m/s ²
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
Configurable cable length	No	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
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
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Plug, left

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

Plug right	Free conductor end
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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		

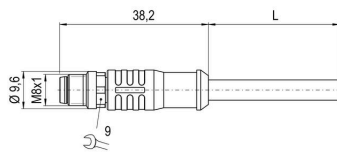
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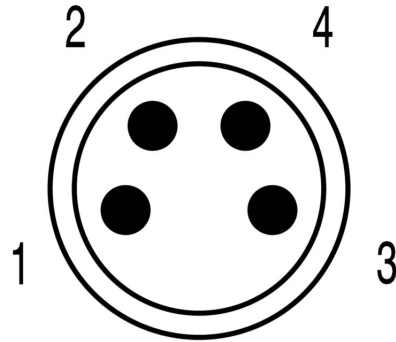
Drawings

Dimensioned drawing



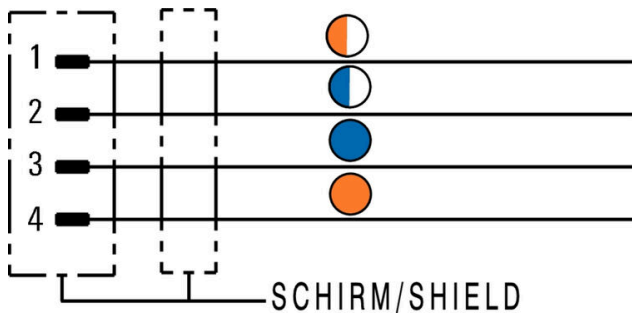
Male, straight

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

