SAIL-M12GM8SG-4S2.0UIE

Weidmüller Interface GmbH & Co. KG
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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-M12GM8SG-4S2.0UIE
Order No.	1296790200
Version	Bus line, Connecting line, M12 / M8, Number of poles: 4, 2 m, Male, straight - male, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118122152
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	80 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	4	Core cross-section	0.15 mm²
Outside diameter	4.8 mm ± 0.3 mm	Cable length	2 m
Shielded	Yes	Insulation	PP
Colour coding	blue, orange, white / blue, white / orange	Sheath material	PUR
Sheathing colour	green	Halogen	No
Temperature range, stationary	-40...80 °C	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Suitable for cable carriers	Yes	Bending radius, min., stationary	4 x cable diameter
Bending radius, min., moving	7.5 x cable diameter	Acceleration	5 m/s²
Speed	180 m/min	Bending cycles	5 Mio
Resistant to welding beads	No	Hybrid cable	No
Irradiation crosslinked	No	Configurable cable length	No

General technical data

Version	Male, straight - male, straight	Connection thread	M12 / M8
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Protection degree	IP67	Contact surface	Gold-plated
LED	No	Rated voltage	30 V
Rated current	4 A	Insulation strength	10^8 Ω
Temperature range of housing	-25...+80 °C	Tightening torque	M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 Nm
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No		

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		

Approvals

Approvals	EAC
ROHS	Conform

Downloads

Brochure/Catalogue	FL FIELDWIRING EN
Engineering Data	EPLAN, WSCAD

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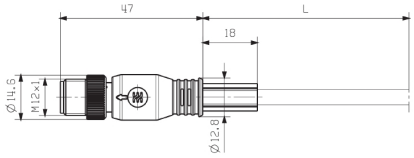
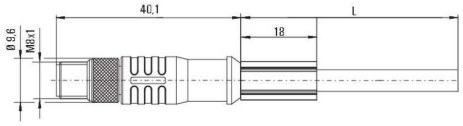
Drawings

Dimensioned drawing



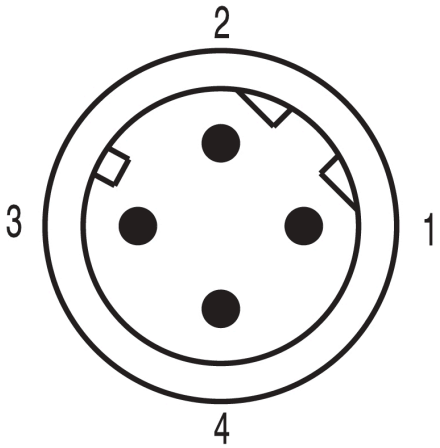
Male, straight

Dimensioned drawing



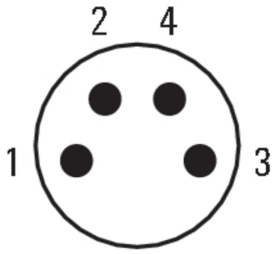
Male, straight

Pole scheme



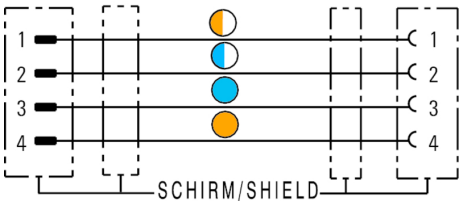
Pin

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

Creation date May 3, 2020 12:21:42 AM CEST