SAIL-M8GM8SG-4S20UIE

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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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-M8GM8SG-4S20UIE
Order No.	1160932000
Version	Bus line, Connecting line, M8 / M8, No. of poles: 4, 20 m, Male, straight - male, straight, shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248976607
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Net weight	771 g

Technical specifications for cable

No. of poles	4	Core cross-section	0.15 mm²
shielded	Yes	Insulation	PP
Colour coding	Blue, Orange, white / blue, white / orange	Sheath material	PUR
Sheathing colour	Green	Outer diameter	4.8 - 0.3 mm
Cable length	20 m	Temperature range, stationary, min.	-40 °C
Temperature range, stationary, max.	80 °C	Halogen	No
Suitable for cable carriers	Yes	Torsion resistance	0 °/m
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

General technical data

Version	Male, straight - male, straight	Contact tube diameter	M8 / M8
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	none	Protection degree	IP 67
Contact surface	Gold-plated	LED	No
Rated voltage	30 V	Rated current	4 A
Insulation resistance	10^8 Ω	Temperature range of housing	-25...+80 °C
Tightening torque	M8: 0.5 - 0.6 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Classifications

eClass 6.2	27-06-91-90	eClass 7.1	27-06-91-90

Approvals

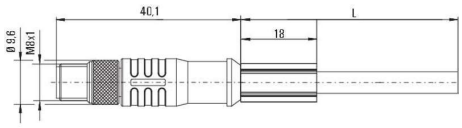
ROHS	Conform

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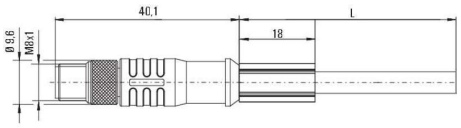
Zeichnungen

Dimensioned drawing



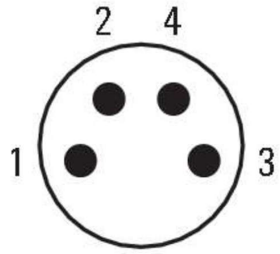
Male, straight

Dimensioned drawing



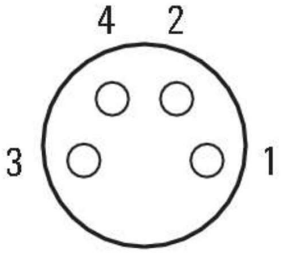
Male, straight

Pole scheme



Pin

Pole scheme



Socket

Wiring diagram

The ideal tool, the 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