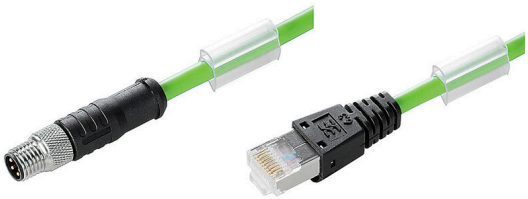
Data sheet

SAIL-M8GRJ45-4S7.5UIE

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, Connecting line, M8, Number of poles: 4, 7.5 m, pin, straight, RJ45, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1201210750
Type	SAIL-M8GRJ45-4S7.5UIE
GTIN (EAN)	4050118103335
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	231 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	7.5 m	Sheathing colour	green
Resistance to oils	Yes	Suitable for cable carriers	Yes
Core cross-section	0.15 mm²	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/s
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	blue, orange, white / blue, white / orange	Temperature range, stationary	-40...80 °C
Resistant to welding beads	No	Number of poles	4
Outside diameter	4.8 mm ± 0.3 mm		

General technical data

Coding	none	Connection thread	M8
Contact surface	Gold-plated	LED	No
Version	pin, straight, RJ45	Housing main material	PUR
Nominal voltage	30 V	Nominal current	4 A
Protection degree	IP67	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No
Threaded ring material	Brass, nickel-plated	Temperature range of housing	-25...+80 °C
Tightening torque	M8: 0.6 Nm		

Electrical properties

Nominal voltage	30 V

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Technical data

Plug, left

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

Plug, right

Plug right	connector, RJ45, IP20, male contact, straight, shielded

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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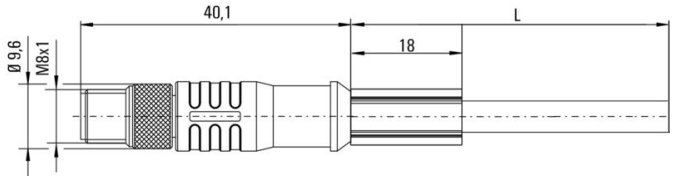
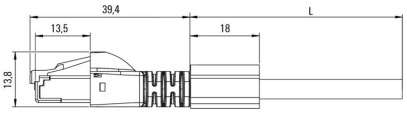
Drawings

Dimensioned drawing



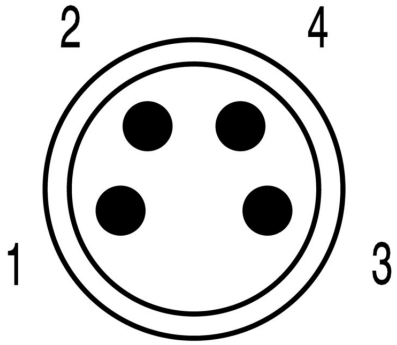
Male, straight

Dimensioned drawing



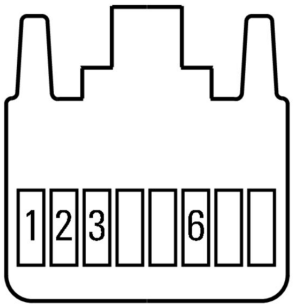
RJ45

Pole scheme



Pin

Pole scheme



RJ45

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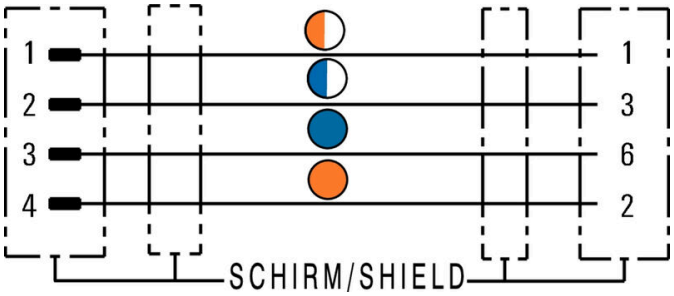
Wiring diagram



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