Weidmüller ⟩Ξ

SAIL-M8GRJ45-4S0.25UIE

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[TM], EtherCAT and Ethernet.

General ordering data

Version	Bus line, Connecting line, M8, Number of poles: 4, 0.25 m, pin, straight, RJ45, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1201210025
Type	SAIL-M8GRJ45-4S0.25UIE
GTIN (EAN)	4050118045437
Qty.	1 pc(s).

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SAIL-M8GRJ45-4S0.25UIE

Technical data

Dimensions and weights

Net weight	18 g

Technical specifications for cable

Acceleration	5 m/s²	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	0.25 m	Colour coding	blue, orange, white / blue, white / orange
Configurable cable length	No	Core cross-section	0.15 mm²
Halogen	No	Hybrid cable	No
Insulation	PP	Irradiation crosslinked	No
Number of poles	4	Outer cladding in accordance with UL AWM style	20963 (80 °C / 30 V)
Outside diameter	4.8 mm ± 0.3 mm	Resistance to oils	Yes
Resistance to spread of flame	in accordance with IEC 60332-1-2	Resistant to welding beads	No
Sheath material	PUR	Sheathing colour	green
Shielded	Yes	Speed	180 m/s
Suitable for cable carriers	Yes	Temperature range, stationary	-40...80 °C
Welding spark resistance	No		

General technical data

Coding	none	Connection thread	M8
Contact surface	Gold-plated	Housing main material	PUR
LED	No	Plugging cycles	≥ 100
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Rated voltage	30 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Brass, nickel-plated
Tightening torque	M8: 0.5 - 0.6 Nm	Version	pin, straight, RJ45
jumpered	No		

Electrical properties

Rated voltage	30 V

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

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Technical data

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	EC002599
ETIM 10.0	EC002599	ECLASS 9.0	27-06-03-08
ECLASS 9.1	27-06-03-08	ECLASS 10.0	27-06-03-08
ECLASS 11.0	27-06-03-08	ECLASS 12.0	27-06-03-08
ECLASS 13.0	27-06-03-08	ECLASS 14.0	27-06-03-08
ECLASS 15.0	27-06-03-08		

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

Approvals

Approvals

Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/
ROHS	Conform

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

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Drawings

Dimensioned drawing
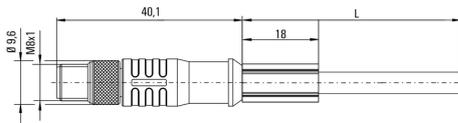
Male, straight
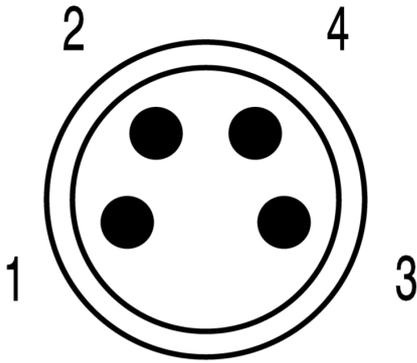
Dimensioned drawing

RJ45

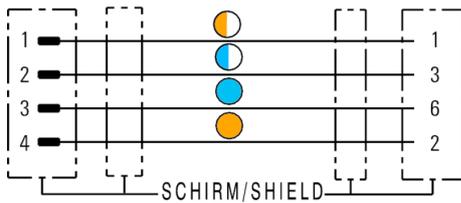### Pole scheme

Pin
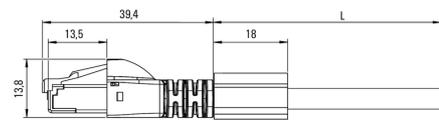
Pole scheme
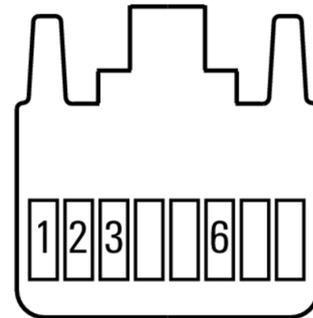
RJ45

Wiring diagram

SCHIRM/SHIELD

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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Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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