Weidmüller ⫿⫾

SAIL-M8GRJ45-4S0.5UIE

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, Number of poles: 4, 0.5 m, pin, straight, RJ45, Shielded: Yes, Sheath material: PUR, Halogen: No
Order No.	1201210050
Type	SAIL-M8GRJ45-4S0.5UIE
GTIN (EAN)	4050118538618
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	26 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	0.5 m	Colour coding	blue, orange, white / blue, white / orange
Core cross-section	0.15 mm²	Halogen	No
Insulation	PP	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
Sheath material	PUR	Sheathing colour	green
Shielded	Yes	Speed	180 m/s
Suitable for cable carriers	Yes	Temperature range, stationary	-40...80 °C

General technical data

Housing main material	PUR	Protection degree	IP67
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		

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 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		

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Technical data

Approvals

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

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

Downloads

Engineering Data	CAD data – STEP
	CAD data – DWG
	CAD data – DXF
Catalogues	Catalogues in PDF-format

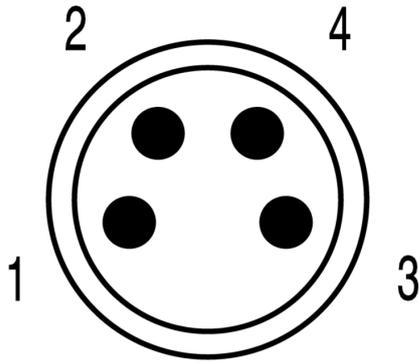Creation date July 11, 2025 12:15:49 AM CEST

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Drawings

Dimensioned drawing
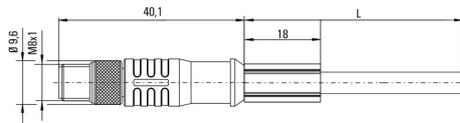
Male, straight

Dimensioned drawing

RJ45

Pole scheme
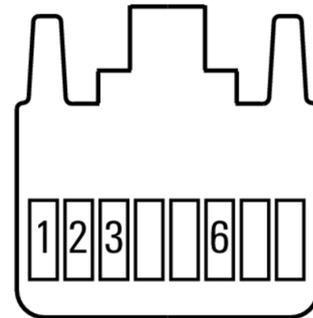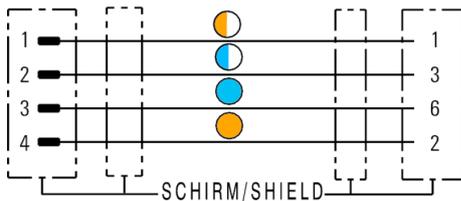

Pin
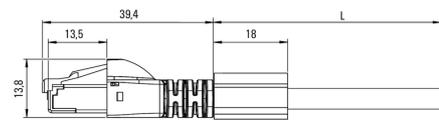
Pole scheme

RJ45

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

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