

SAIL-M8GRJ45-4S20UIE**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, DeviceNet™, EtherCAT and Ethernet.

General ordering data

Version	Bus line, Number of poles: 4, 20 m, pin, straight, RJ45, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1201212000
Type	SAIL-M8GRJ45-4S20UIE
GTIN (EAN)	4050118692747
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 602 g

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	5 Mio
Bending radius, min., moving	7.5 x cable diameter	Bending radius, min., stationary	4 x cable diameter
Cable length	20 m	Colour coding	blue, orange, white / blue, white / orange
Core cross-section	0.15 mm ²	Halogen	No
Hybrid cable	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

Coding	none	Contact surface	Gold-plated
Housing main material	PUR	LED	No
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

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		

Creation date July 15, 2025 4:35:59 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

2

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Technical data

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

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

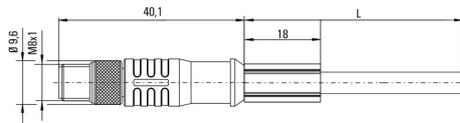
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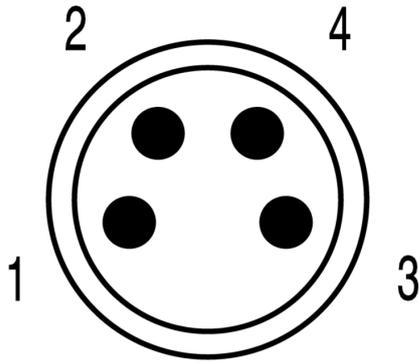
Drawings

Dimensioned drawing



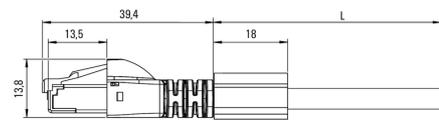
Male, straight

Pole scheme



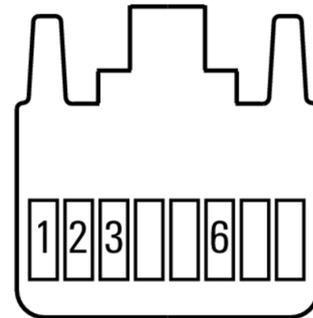
Pin

Dimensioned drawing



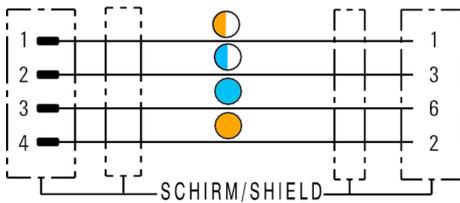
RJ45

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