

SAIL-M8BGRJ45-4S5.0UIE**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, Connecting line, M8, Number of poles: 4, 5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1304030500
Type	SAIL-M8BGRJ45-4S5.0UIE
GTIN (EAN)	4099986621114
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 160 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	5 m	Colour coding	blue, orange, white / blue, white / orange
Configurable cable length	No	Core cross-section	0.15 mm ²
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	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

Connection thread	M8	Contact surface	Gold-plated
Housing main material	PUR	LED	No
Pollution severity	3	Protection degree	IP67
Rated current	4 A	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Version	Female socket, straight
Threaded ring jumpered	No		

Plug, left

Plug left RJ45, IP20, male contact, straight, Plastic, shielded

Plug, right

Plug right M8, IP67, female contact, straight, Plastic, 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		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1

Creation date May 8, 2025 4:00:54 PM CEST

Catalogue status 26.04.2025 / We reserve the right to make technical changes.

Data sheet

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Technical data

Approvals

ROHS Conform

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Data sheet

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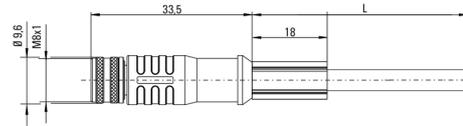
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Drawings

Dimensioned drawing

Dimensioned drawing

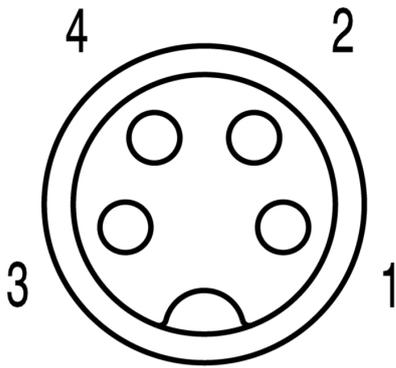


Male, straight

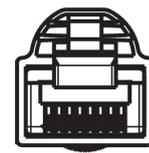
Straight socket

Pole scheme

Pole scheme



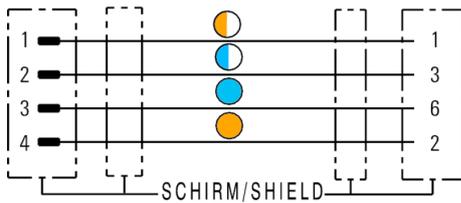
Female contact



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