

SAIL-M8GM8G-4S-3.5U

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 / M8, Number of poles: 4, 3.5 m, pin, straight - socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1981900350
Type	SAIL-M8GM8G-4S-3.5U
GTIN (EAN)	4032248893959
Qty.	1 pc(s).

Creation date December 1, 2023 4:01:16 PM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Net weight 153 g

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	250.000
Bending radius, min., moving	12 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	3.5 m	Colour coding	brown, white, blue, black
Configurable cable length	No	Core cross-section	0.34 mm ²
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Halogen	No
Hybrid cable	No	Insulation	PP
Irradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Outside diameter	5.1 mm ± 0.2 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	Yes
Speed	100 m/s	Suitable for cable carriers	Yes
Temperature range, moving	-30...90 °C	Temperature range, stationary	-40...90 °C
Torsion resistance	360 °/m	Welding spark resistance	No

General technical data

Coding	none	Connection thread	M8 / M8
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 ⁸ Ω	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 - socket, straight	jumpered	No

Electrical properties

Insulation strength 10⁸ Ω Rated voltage 30 V

Plug

Plug	Cable side	left	
	Version of contact face	M8	
	Protection degree (IP)	IP67	
	Gender of contact	male contact	
	Outlet direction	straight	
	Housing main material	Plastic	
	Shielding available	No	
	Cable side	right	
	Version of contact face	M8	
	Protection degree (IP)	IP67	
	Gender of contact	female contact	
	Outlet direction	straight	
	Housing main material	Plastic	
	Shielding available	No	
	Plug left	M8, IP67, male contact, straight, Plastic, unshielded	
	Plug right	M8, IP67, female contact, straight, Plastic, unshielded	

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Technical data

Classifications

ETIM 6.0	EC002599	ETIM 7.0	EC002599
ETIM 8.0	EC002599	ETIM 9.0	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	27060308

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Approvals

Approvals



ROHS	Conform
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Downloads

Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN

Data sheet

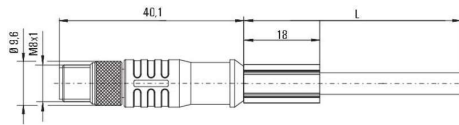
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Drawings

Dimensioned drawing



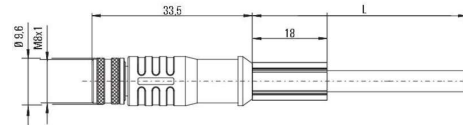
Male, straight

Pole scheme



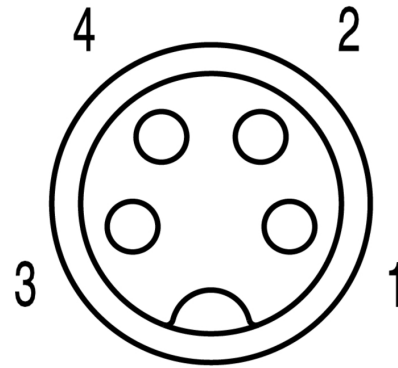
Pin

Dimensioned drawing



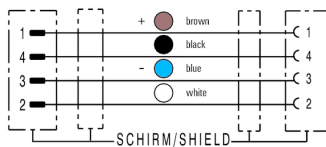
Straight socket

Pole scheme



Socket

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