

SAIL-M8BG-4S-7.0U**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, One end without connector, M8, Number of poles: 4, 7 m, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1981910700
Type	SAIL-M8BG-4S-7.0U
GTIN (EAN)	4050118627008
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	283 g
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Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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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	7 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/min	Suitable for cable carriers	Yes
Temperature range, moving	-30...90 °C	Temperature range, stationary	-40...90 °C
Torsion resistance	360 °/m		

General technical data

Coding	none	Connection thread	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
jumpered	No		

Electrical properties

Insulation strength	10 ⁸ Ω	Rated voltage	30 V
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Cable structure

Colour coding	brown, white, blue, black	Insulation	PP
Sheathing colour	black		

Electrical properties of cable

Insulation strength	10 ⁸ Ω	Rated current	4 A
Speed	100 m/min		

Mechanical and material properties of cable

Acceleration	5 m/s ²	Bending cycles	250.000
Halogen	No	Speed	100 m/min
Torsion resistance	360 °/m		

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www.weidmueller.com**Technical data****Plug, right**

Contact surface

Gold-plated

Housing main material

PUR

Plugging cycles

≥ 100

Classifications

ETIM 6.0

EC002599

ETIM 7.0

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

Approvals

ROHS

Conform

Downloads

Brochure/Catalogue

[Catalogues in PDF-format](#)

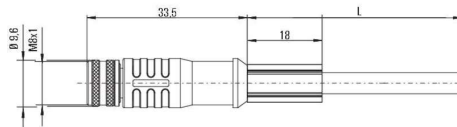
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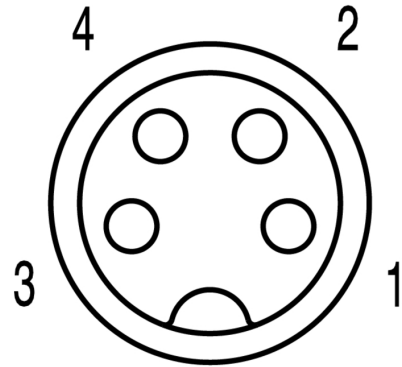
Drawings

Dimensioned drawing



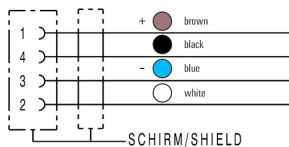
Straight socket

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