

SAIL-M8WM8G-3-0.6U

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be exposed to a wide range of conditions, such as humidity, dust, heat, cold, shock or vibration.

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Version	Sensor/actuator line, M8 / M8, Number of poles : 3, 0.6 m, pin, angled - bush straight, LED: No, Sheath material: PUR
Order No.	1073020060
Type	SAIL-M8WM8G-3-0.6U
GTIN (EAN)	4032248831098
Qty.	1 pc(s).
Available until	2014-05-20

Creation date June 12, 2025 11:23:33 AM CEST

Catalogue status 07.06.2025 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 20 g

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	12 Mio
Bending cycles at torsion	> 5 Mio.	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Cable length	0.6 m
Colour coding	brown, blue, black	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Hydrolysis and microbe resistant	Yes	Irradiation crosslinked	No
Length of torsion	1 m	Number of poles	3
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Outside diameter	4.1 mm ± 0.2 mm
Resistance to spread of flame	in accordance with IEC 60332-2-2, In accordance with UL1581 UL / CUL FT2	Sheath material	PUR
Sheathing colour	black	Speed	5 m/s
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C

General technical data

Coding	A-coded	Connection thread	M8 / M8
Contact surface	Gold-plated	Insulation strength	10 ⁸ Ω
LED	No	Plugging cycles	≥ 100
Protection degree	IP69, IP65, IP66	Rated current	4 A
Rated voltage	250 V	Temperature range of housing	-25...+85 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, angled - bush straight	jumpered	No

Electrical propertiesInsulation strength 10⁸ Ω Rated voltage 250 V**General standards**

Certificate no. (cULus) E307231

Plug, left

Plug left M8, IP69, male contact, angled 90°, Plastic, unshielded

Plug, right

Plug right M8, IP69, female contact, straight, Plastic, unshielded

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ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11
ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	1c533b66-fcff-4da5-b89f-fd55fbf5cb55

Approvals

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/ https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

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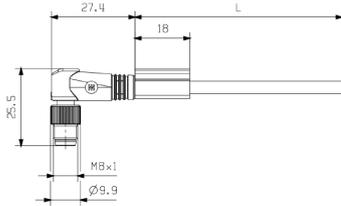
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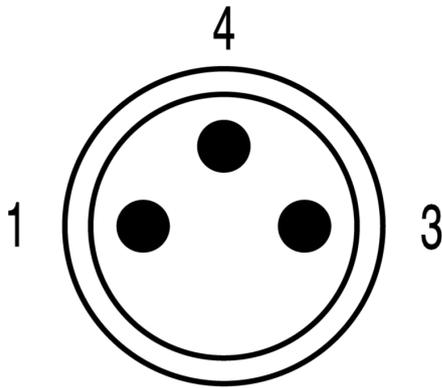
Drawings

Dimensioned drawing



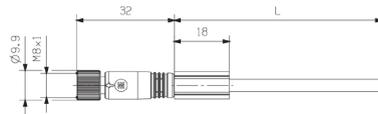
Male, angled

Pole scheme



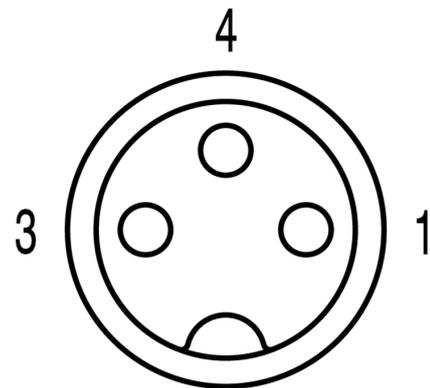
Male

Dimensioned drawing



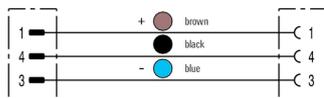
Straight socket

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