

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, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1073020060
Type	SAIL-M8WM8G-3-0.6U
GTIN (EAN)	4032248831098
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

Dimensions and weights

Diameter	3.6 mm	Net weight	20 g
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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

Technical specifications for cable

Cable length	0.6 m	Sheathing colour	black (similar to RAL 9005)
Resistance to oils	Yes	Suitable for cable carriers	Yes
Core cross-section	0.25 mm ²	Shielded	No
Halogen	No	Acceleration	5 m/s ²
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Bending cycles	5 Mio	Resistance to spread of flame	in accordance with IEC 60332-2-2, In accordance with UL1581 UL / CUL FT2
Speed	3.33 m/s	Sheath material	PUR
Hydrolysis and microbe resistant	Yes	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Irradiation crosslinked	No
Drain wire integrated	No	Colour coding	brown, blue, black
Torsion resistance	180 °/m	Temperature range, stationary	-50...80 °C
Bending cycles at torsion	> 5 Mio.	Temperature range, moving	-25...60 °C
Length of torsion	1 m	Number of poles	3
Outside diameter	3.6 mm + 0.15 mm		

General technical data

Coding	A-coded	Connection thread	M8 / M8
Contact surface	Gold-plated	LED	No
Version	pin, angled - bush straight	Insulation resistance	108 Ω
Nominal voltage	250 V	Nominal current	4 A
Protection degree	IP69, IP65, IP66	Plugging cycles	≥ 100
jumpered	No	Threaded ring material	Brass, nickel-plated
Temperature range of housing	-25...+85 °C	Tightening torque	M8: 0.5 - 0.6 Nm

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	250 V
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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

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

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Drawings

Dimensioned drawing



Male, angled

Dimensioned drawing



Straight socket

Pole scheme



Male

Pole scheme



Socket

Drawings

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