

SAIL-M8G-8-10U**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, One end without connector, M8, Number of poles : 8, 10 m, pin, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1555331000
Type	SAIL-M8G-8-10U
GTIN (EAN)	4050118368901
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	479 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/s²		
Bending cycles	1 mill.		
Bending radius, min., moving	10 x cable diameter		
Bending radius, min., stationary	5 x cable diameter		
Cable length	10 m		
Colour coding	blue, red, white, brown, green, yellow, grey, pink		
Configurable cable length	No		
Core cross-section	0.25 mm²		
Core in accordance with UL AWM style	10493 (80 °C / 300 V)		
Halogen	No		
Housing main material	PUR		
Insulation	PP		
Number of poles	8		
Number of poles	8		
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)		
Outer diameter	5.9 ± 0.2 mm		
Outside diameter	5.9 mm ± 0.2 mm		
Outside diameter	Diameter	5.9 mm	
	Signs	±	
	Tolerance	0.2 mm	
Resistant to welding beads	No		
Sheath material	PUR		
Sheathing colour	black		
Shielded	No		
Speed	5 m/s		
Suitable for cable carriers	Yes		
Temperature range, moving	-25...80 °C		
Temperature range, moving, max.	80 °C		
Temperature range, moving, min.	-25 °C		
Temperature range, stationary	-40...80 °C		
Temperature range, stationary, max.	80 °C		
Temperature range, stationary, min.	-40 °C		
Torsion resistance	180 °/m		

General technical data

Coding	A	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, when screwed in	Rated current	2 A
Rated voltage	30 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M12: 0.8 - 1.2 Nm
Version	pin, straight	jumpered	No

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www.weidmueller.com**Technical data****Classifications**

ETIM 6.0	EC001855	ETIM 7.0	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

Approvals

ROHS	Conform
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Drawings

Dimensioned drawing

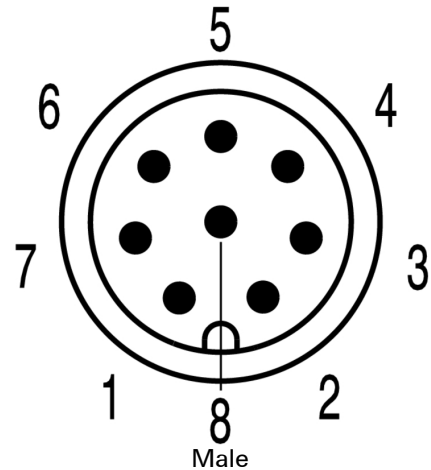


Male, straight

Wiring diagram



Pole scheme



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