

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, Connecting line, M8 / M8, Number of poles : 4, 10 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>1948691000</u>
Туре	SAIL-M8GM8WR-4-10V
GTIN (EAN)	4032248625901
Qty.	1 pc(s).



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Technical data

Dimensions and weights				
Net weight	327 g			
Environmental Product Com	pliance			
REACH SVHC	Lead 7439-92-1	SCIP	1c533b66-fcff-4da5-b89 fd55fbf5cb55	
Technical specifications for	cable			
Cable length	10 m	Colour coding	brown, white, blue, black	
Configurable cable length	No	Core cross-section	0.25 mm ²	
Halogen	Yes	Insulation	PVC	
Irradiation crosslinked	No	Number of poles	4	
Outer cladding in accordance with Ul		Outside diameter	•	
AWM style	2464 (80 °C / 300 V)		$4.8 \text{ mm} \pm 0.2 \text{ mm}$	
Resistant to welding beads	No	Sheath material	PVC	
Sheathing colour	black	Shielded	No	
Suitable for cable carriers	No	Temperature range, moving	-580 °C	
Temperature range, stationary	-3080 °C	Torsion resistance	0 °/m	
Welding spark resistance	No	-	,	
General technical data				
Coding	A	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	IP65, when screwed in	Rated current	3 4 A	
Rated voltage	30 V	Temperature range of housing	-40 +85 ° C	
Threaded ring material	Brass, nickel-plated	Tightening torque	M8: 0.5 - 0.6 Nm	
Version	pin, straight - socket,	jumpered	1018. 0.9 - 0.0 10111	
version	90°	jumpered	No	
Electrical properties				
Insulation strength	10 ⁸ Ω	Rated voltage	30 V	
General standards				
Certificate no. (cULus)	E307231	Connector standard	IEC 61076-2-104	
Standards				
Connector standard	IEC 61076 2 104			
	IEC 61076-2-104			
Classifications				
ETIM 6.0	EC001855	ETIM 7.0	EC001855	
ETIM 8.0	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	



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Technical data

Approvals

Approvals



ROHS	Conform	
UL File Number Search	UL Website	
Certificate no. (cULus)	E307231	

Downloads

Engineering Data	EPLAN, WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN



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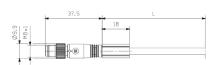
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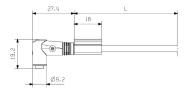
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Drawings

Dimensioned drawing

Dimensioned drawing



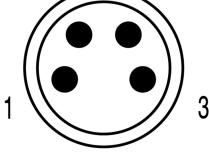


Male, straight

Angled socket

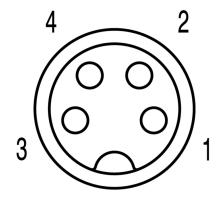
Pole scheme





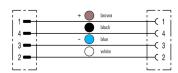
Male

Pole scheme



Socket

Wiring diagram



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

<u>Weidmuller</u>: 1948691000