

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, M12 / M12, Number of poles : 3, 3 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>1925370300</u>
Туре	SAIL-M12GM12W-2/4-3.0V
GTIN (EAN)	4032248594276
Qty.	1 pc(s).

Creation date September 16, 2022 10:02:17 PM CEST



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Technical data

Net weight	100 g			
	109 g			
Environmental Product Comp	liance			
REACH SVHC	Lead 7439-92-1	SCIP	1c533b66-fcff-4da5-b89f fd55fbf5cb55	
Technical specifications for c	able			
Only I am walk	2	Calaur as dis s	harren lebra labada	
Cable length Configurable cable length	3 m Yes	Colour coding	brown, blue, black 0.34 mm ²	
		Core cross-section	PVC	
Halogen	Yes	Insulation		
rradiation crosslinked	No	Number of poles	3	
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Outside diameter	4.9 mm ± 0.2 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	
Nelding spark resistance	No			
General technical data				
Coding	A	Connection thread	M12 / M12	
Contact surface	Gold-plated	Housing main material	PUR	
nsulation strength	10 ⁸ Ω	LED		
		_	No 3	
Plugging cycles	≥ 100	Pollution severity	3	
Protection degree	IP67, IP68, when fully mounted, IP65, IP66	Rated current	4 A	
Rated voltage	250 V	Shock and vibration proof according to		
Temperature range of housing	-40 +85 ° C	Threaded ring material	Diecast zinc	
Fightening torque	M12: 0.8 - 1.2 Nm	Version	pin, straight - socket, 90°	
umpered	2/4			
Electrical properties				
Insulation strength	10 ⁸ Ω	Rated voltage	250 V	
General standards				
Certificate no. (cULus)	E307231	Connector standard	IEC 61076-2-101	
Standards				
Connector standard	IEC 61076-2-101	Shock and vibration proof according to	Section B	
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 ECLASS 12.0	27-06-03-11	
ECLASS 11.0	27-06-03-11		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
Product Change Notification	DE - Technische Änderung zu M12 Gewindering mit 6-Kant
	EN - Technical change to M12 nut with additional hexagonal mounting
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN



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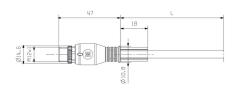
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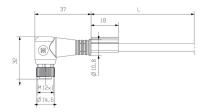
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Drawings

Dimensioned drawing

Dimensioned drawing



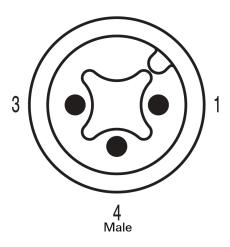


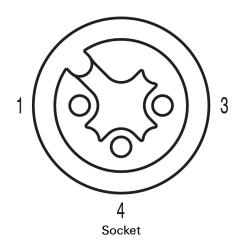
Male, straight

Angled socket

Pole scheme

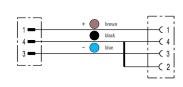
Pole scheme





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

Mouser Electronics

Authorized Distributor

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