

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.

The M8 and M12 sensor-actuator cables are supplied as standard with brass nickel-plated nuts. However if you are looking to use our products in an extremely harsh environment, we can also supply a variant with a plastic nut. This enables use in environments where cables with nickel-plated M8 and M12 nuts would rust.

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 : 4, 4 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	<u>2059750400</u>
Туре	SAIP-M12GM12G-4-4.0V
GTIN (EAN)	4050118415193
Qty.	1 pc(s).



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Technical data

Net weight	180 g		
Technical specifications for c	able		
Cable length	4 m	Colour coding	brown, white, blue, black
Cable length Configurable cable length	No	Colour coding Core cross-section	0.34 mm ²
Halogen	Yes	Insulation	PVC
rradiation crosslinked	No	Number of poles	4
Outer cladding in accordance with UL	NO	Outside diameter	4
AWM style	2464 (80 °C / 300 V)	Outside diameter	5.3 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
Velding spark resistance	No	Torsion resistance	0 /111
	140		
General technical data			
Coding	A	Connection thread	M12 / M12
Contact surface	Gold-plated	Housing main material	PUR
nsulation strength	10 ⁸ Ω	LED	
		_	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Rated current	4 A
Rated voltage	250 V	Temperature range of housing	-40 +85 ° C
Fhreaded ring material	Plastic	Tightening torque	M12: 0.8 - 1.2 Nm
/ersion	pin, straight - socket, straight	jumpered	No
Electrical properties	<u> </u>		
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		
	120 0 10 7 0 2 10 1		
Classifications			
TIM 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
CLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11
Environmental Product Complian	ice		
REACH SVHC	Lead 7439-92-1		

SCIP

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Technical data

Approvals

Approvals



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

Downloads

Catalogues	Catalogues in PDF-format	
Brochures	FL FIELDWIRING EN	



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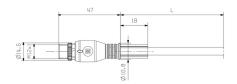
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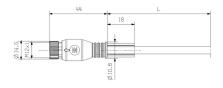
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Drawings

Dimensioned drawing

Dimensioned drawing

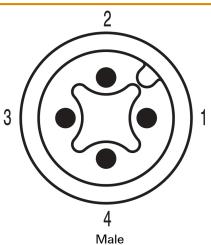




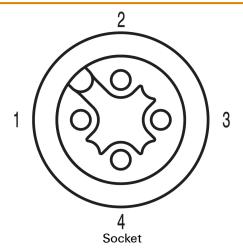
Male, straight

Straight 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.: 192000000 Adapters: M12, M12 F, M8, M8 F