

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 : 4, 3.9 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath ma- terial: PUR, Halogen: No
Order No.	<u>1906300390</u>
Туре	SAIL-M12GM12G-4-3.9U
GTIN (EAN)	4050118648515
Qty.	1 pc(s).

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Technical data



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Net weight	145 g		
Technical specifications for ca	able		
•			
Acceleration	5 m/s²	Bending cycles	12 Mio
Bending cycles at torsion	> 5 Mio.	Bending radius, min., moving	10 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Cable length	3.9 m
Colour coding	brown, white, blue, black	Configurable cable length	Yes
Core cross-section	0.34 mm ²	Core in accordance with UL AWM style	10493 (80 °C / 300 V
Halogen	No	Hydrolysis and microbe resistant	Yes
Insulation	PP	Irradiation crosslinked	No
LABS-free	Yes	Length of torsion	1 m
Number of poles	4	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V
Outside diameter	4.7 mm ± 0.2 mm	Resistance to oils	in accordance with IEC 60811:404
Resistance to spread of flame	In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2	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	-2580 °C
Temperature range, stationary	-4080 °C	Torsion resistance	360 °/m
remperature range, stationary		Totolon Toolonanoo	000 /11
	No		
General technical data	No M12 / M12	Contact surface	Gold-plated
General technical data		Contact surface Insulation strength	Gold-plated 10 ⁸ Ω
General technical data Connection thread Housing main material	M12 / M12	Insulation strength	
Welding spark resistance General technical data Connection thread Housing main material LED Pollution severity	M12 / M12 PUR		10 ⁸ Ω
General technical data Connection thread Housing main material LED Pollution severity	M12 / M12 PUR No	Insulation strength Plugging cycles	10 ⁸ Ω ≥ 100 IP65, IP66, IP67, IP68,
General technical data Connection thread Housing main material LED Pollution severity Rated current	M12 / M12 PUR No 3	Insulation strength Plugging cycles Protection degree Rated voltage	10 ⁸ Ω ≥ 100 IP65, IP66, IP67, IP68, when screwed in, IP69
General technical data Connection thread Housing main material LED	M12 / M12 PUR No 3 4 A	Insulation strength Plugging cycles Protection degree	10 ⁸ Ω ≥ 100 IP65, IP66, IP67, IP68, when screwed in, IP69 250 V
General technical data Connection thread Housing main material LED Pollution severity Rated current Shock and vibration proof according to Threaded ring material	M12 / M12 PUR No 3 4 A Section B	Insulation strength Plugging cycles Protection degree Rated voltage Temperature range of housing	10 ⁸ Ω ≥ 100 IP65, IP66, IP67, IP68, when screwed in, IP69 250 V -25+85 °C pin, straight - socket,
General technical data Connection thread Housing main material LED Pollution severity Rated current Shock and vibration proof according to	M12 / M12 PUR No 3 4 A Section B Diecast zinc	Insulation strength Plugging cycles Protection degree Rated voltage Temperature range of housing	10 ⁸ Ω ≥ 100 IP65, IP66, IP67, IP68, when screwed in, IP69 250 V -25+85 °C pin, straight - socket,
General technical data Connection thread Housing main material LED Pollution severity Rated current Shock and vibration proof according to Threaded ring material jumpered Electrical properties	M12 / M12 PUR No 3 4 A Section B Diecast zinc No	Insulation strength Plugging cycles Protection degree Rated voltage Temperature range of housing Version	10 ⁸ Ω ≥ 100 IP65, IP66, IP67, IP68, when screwed in, IP69 250 V -25+85 °C pin, straight - socket, straight
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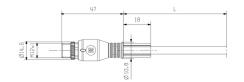
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Plug right	M12, A-coded, IP69, male contact, straight Plastic, unshielded		
Classifications			
ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ECLASS 9.0	27-06-03-11	ECLASS 9.1	27-06-03-11
ECLASS 10.0	27-06-03-11	ECLASS 11.0	27-06-03-11
ECLASS 12.0	27-06-03-11	ECLASS 13.0	27-06-03-11
REACH SVHC	Compliance Lead 7439-92-1 1c533b66-fcff-4da5-b89f-fd55fbf5cb55		
SCIP Approvals Approvals			
Approvals	CE	K A	
Approvals	Conform	K A	
Approvals Approvals		K A	

Drawings

Dimensioned drawing



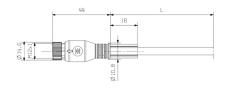


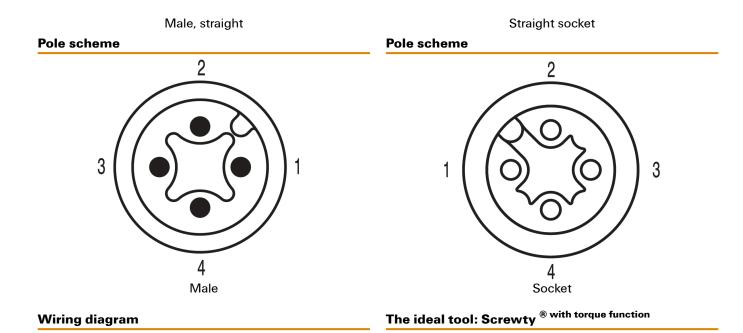
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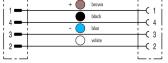
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Dimensioned drawing







Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 192000000 Adapters: M12, M12 F, M8, M8 F

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