

SAIL-M12G-5S1.5U

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.

Our sensor cables come with 360° shielding which provides protection against electromagnetic interference. 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, M12, Number of poles : 5, 1.5 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1926690150
Type	SAIL-M12G-5S1.5U
GTIN (EAN)	4032248573080
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 84.5 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Acceleration	5 m/s ²	Bending cycles	2 Mio
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter
Cable length	1.5 m	Colour coding	blue, white, brown, grey, black
Configurable cable length	No	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
LABS-free	Yes	Number of poles	5
Outer cladding in accordance with UL AWM style	20233 (80 °C / 300 V)	Outside diameter	5.7 mm ± 0.2 mm
Resistance to oils	in accordance with IEC 60811:404	Resistance to spread of flame	According to UL2556 FT2
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	Yes
Speed	200 m/min	Suitable for cable carriers	Yes
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C
Torsion resistance	0 °/m		

General technical data

Coding	A	Connection thread	M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation 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	125 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Diecast zinc	Tightening torque	M12: 0.8 - 1.2 Nm
Version	pin, straight	jumpered	No

Standards

Connector standard IEC 61076-2-101

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

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Technical data**Approvals**

Approvals



ROHS	Conform
UL File Number Search	E307231

Downloads

Engineering Data	STEP
Engineering Data	EPLAN_WSCAD
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

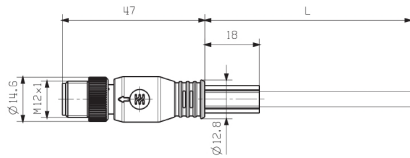
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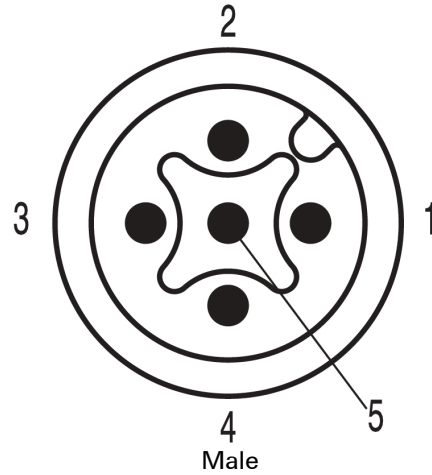
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Drawings

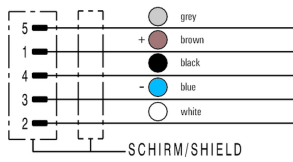
Dimensioned drawing



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