

SAIL-M8W-3S1.5U

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, M8, Number of poles : 3, 1.5 m, pin, 90°, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1906580150
Type	SAIL-M8W-3S1.5U
GTIN (EAN)	4032248530229
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight 61 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Acceleration	5 m/s ²	
Bending cycles	250.000	
Bending radius, min., moving	12 x conductor cross-section	
Bending radius, min., stationary	5 x cable diameter	
Cable length	1.5 m	
Colour coding	brown, blue, 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	
Housing main material	PUR	
Insulation	PP	
Number of poles	3	
Number of poles	3	
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	
Outer diameter	4.8 ± 0.2 mm	
Outside diameter	Diameter	4.8 mm
	Signs	±
	Tolerance	0.2 mm
Outside diameter	4.8 mm ± 0.2 mm	
Resistant to welding beads	No	
Sheath material	PUR	
Sheathing colour	black	
Shielded	Yes	
Speed	100 m/min	
Suitable for cable carriers	Yes	
Temperature range, moving	-25...80 °C	
Temperature range, moving, max.	80 °C	
Temperature range, moving, min.	-25 °C	
Temperature range, stationary	-40...80 °C	
Temperature range, stationary, max.	80 °C	
Temperature range, stationary, min.	-40 °C	
Torsion resistance	0 °/m	

General technical data

Coding	none	Connection thread	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, IP66, IP67, IP68, when screwed in	Rated current	4 A
Rated voltage	60 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Diecast zinc	Tightening torque	M8: 0.5 - 0.6 Nm
Version	pin, 90°	jumpered	No

Creation date March 26, 2021 7:15:14 AM CET

Data sheet

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Technical data

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

Approvals

Approvals



ROHS	Conform
UL File Number Search	E307231

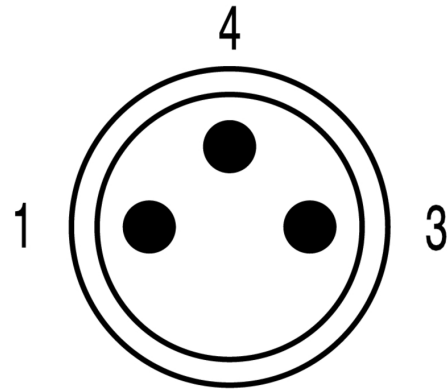
Downloads

Engineering Data	STEP
Engineering Data	EPLAN, WSCAD

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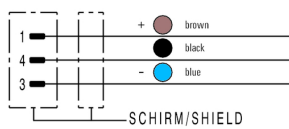
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Drawings**Dimensioned drawing****Pole scheme**

Male, angled

Male

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