

## SAIL-M12BG-8S1.5U

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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 : 8, 1.5 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	<a href="#">1890520150</a>
Type	SAIL-M12BG-8S1.5U
GTIN (EAN)	403224849944 1
Qty.	1 pc(s).

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## Technical data

### Dimensions and weights

Net weight 98.4 g

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1

### Technical specifications for cable

Acceleration	5 m/s <sup>2</sup>		
Bending cycles	1 mill.		
Bending radius, min., moving	12 x cable diameter		
Bending radius, min., stationary	5 x cable diameter		
Cable length	1.5 m		
Colour coding	blue, red, white, brown, green, yellow, grey, pink		
Configurable cable length	No		
Core cross-section	0.25 mm <sup>2</sup>		
Halogen	No		
Housing main material	PUR		
Insulation	PP		
Number of poles	8		
Number of poles	8		
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)		
Outer diameter	6.3 ± 0.2 mm		
Outside diameter	6.3 mm ± 0.2 mm		
Outside diameter	Diameter	6.3 mm	
	Signs	±	
	Tolerance	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	360 °/m		

### General technical data

Coding	A	Connection thread	M12
Contact surface	Gold-plated	Housing main material	PUR
Insulation strength	10 <sup>8</sup> Ω	LED	No
Plugging cycles	≥ 100	Pollution severity	3
Protection degree	IP67, when screwed in	Rated current	2 A
Rated voltage	30 V	Temperature range of housing	-25...+80 °C
Threaded ring material	Brass, nickel-plated	Tightening torque	M12: 0.8 - 1.2 Nm
Version	Female socket, straight	jumpered	No

Creation date March 26, 2021 5:21:09 AM CET

Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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### 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	<a href="#">STEP</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

**SAIL-M12BG-8S1.5U**

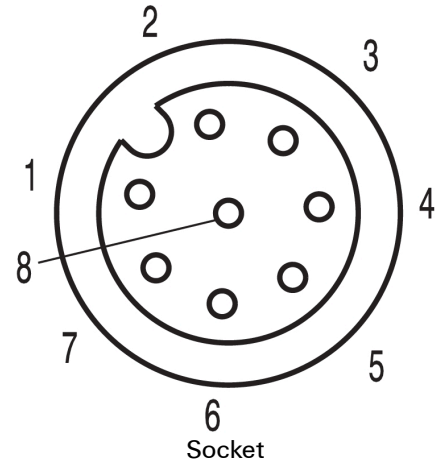
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**Drawings**

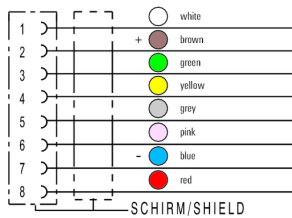
**Dimensioned drawing**

**Pole scheme**



**Wiring diagram**

**The ideal tool: Screwty<sup>®</sup> 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