SAIL-M12BG-5-15V

Weidmüller Interface GmbH & Co. KG
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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

Type	SAIL-M12BG-5-15V
Order No.	1925591500
Version	Sensor/actuator line, One end without connector, M12, Number of poles : 5, 15 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
GTIN (EAN)	4050118181234
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	715 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	5	Core cross-section	0.34 mm²
Outside diameter	5.7 ± 0.2 mm	Cable length	15 m
Shielded	No	Insulation	PVC
Colour coding	brown, white, blue, black, grey	Sheath material	PVC
Sheathing colour	black	Halogen	Yes
Temperature range, moving	-5...80 °C	Temperature range, stationary	-30...80 °C
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)	Suitable for cable carriers	No
Torsion resistance	0 °/m	Resistant to welding beads	No
Hybrid cable	No	Irradiation crosslinked	No
Configurable cable length	No		

General technical data

Version	Female socket, straight	Connection thread	M12
Housing main material	PUR	Threaded ring material	Diecast zinc
Coding	A	Protection degree	IP65, IP66, IP67, IP68, when screwed in
Contact surface	Gold-plated	LED	No
Rated voltage	125 V	Rated current	4 A
Insulation strength	10^8 Ω	Temperature range of housing	-25...+85 °C
Tightening torque	M12: 0.8 - 1.2 Nm	Plugging cycles	≥ 100
Pollution severity	3	jumpered	No

Standards

Connector standard	IEC 61076-2-101	Certificate no. (cULus)	E307231

Classifications

ETIM 5.0	EC001855	ETIM 6.0	EC001855
eClass 6.2	27-27-92-18	eClass 7.1	27-27-92-18
eClass 8.1	27-27-92-18	eClass 9.0	27-06-03-11
eClass 9.1	27-06-03-11		

Approvals

Approvals

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Creation date May 27, 2019 8:36:20 PM CEST

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Technical data

Downloads

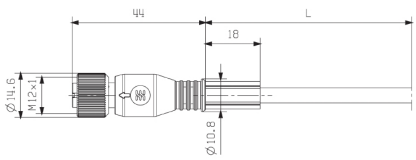
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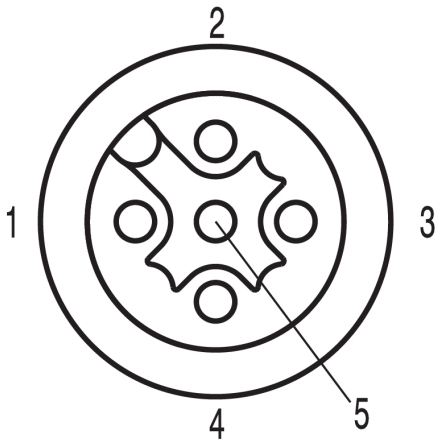
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Drawings

Dimensioned drawing

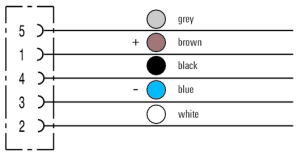


Pole scheme



Socket

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