SAIL-M12GM12G-3-15V

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 : 3, 15 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PVC, Halogen: Yes
Order No.	1925301500
Type	SAIL-M12GM12G-3-15V
GTIN (EAN)	4032248882601
Qty.	1 pc(s).

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SAIL-M12GM12G-3-15V

Technical data

Dimensions and weights

Net weight	529 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Cable length	15 m		
Colour coding	brown, blue, black		
Configurable cable length	No		
Core cross-section	0.34 mm²		
Halogen	Yes		
Housing main material	PUR		
Insulation	PVC		
Number of poles	3		
Number of poles	3		
Outer cladding in accordance with UL AWM style	2464 (80 °C / 300 V)		
Outer diameter	4.9 ± 0.2 mm		
Outside diameter	4.9 mm ± 0.2 mm		
Outside diameter	Diameter	4.9 mm	
	Signs	±	
	Tolerance	0.2 mm	
Resistant to welding beads	No		
Sheath material	PVC		
Sheathing colour	black		
Shielded	No		
Suitable for cable carriers	No		
Temperature range, moving	-5...80 °C		
Temperature range, moving, max.	80 °C		
Temperature range, moving, min.	-5 °C		
Temperature range, stationary	-30...80 °C		
Temperature range, stationary, max.	80 °C		
Temperature range, stationary, min.	-30 °C		
Torsion resistance	0 °/m		

General technical data

AF size	12 mm	Coding	A
Connection thread	M12 / 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	250 V
Temperature range of housing	-25...+80 °C	Threaded ring material	Diecast zinc
Tightening torque	M12: 0.8 - 1.2 Nm	Version	pin, straight - socket, straight
jumpered	No		

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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

Product Change Notification	DE - Technische Änderung zu M12 Gewindering mit 6-Kant
	EN - Technical change to M12 nut with additional hexagonal mounting

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

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SAIL-M12GM12G-3-15V

Drawings

Dimensioned drawing
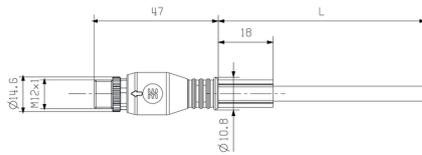
Male, straight

Pole scheme

Male

Wiring diagram

1	+ brown		1
4	black		4
3	− blue		3
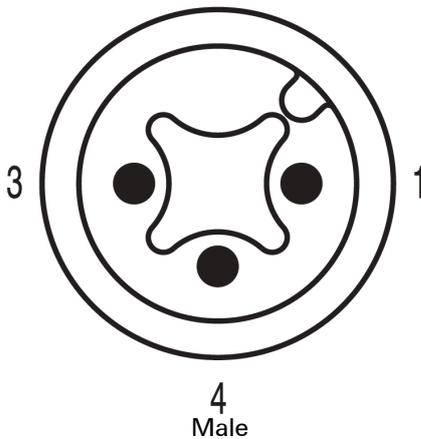
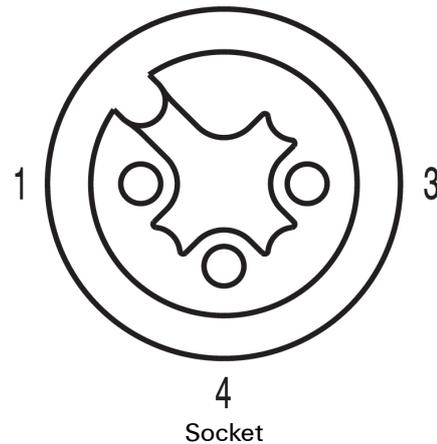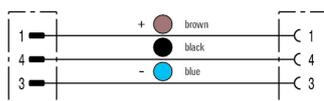### Dimensioned drawing
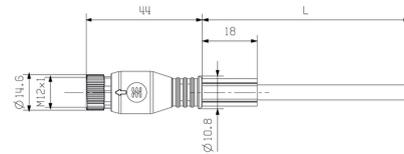
Straight socket

Pole scheme

Socket

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

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