SAIL-M12G-12S30U

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, M12, Number of poles : 12, 30 m, pin, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No
Order No.	1484823000
Type	SAIL-M12G-12S30U
GTIN (EAN)	4099987653015
Qty.	1 items

SAIL-M12G-12S30U

Technical data

Dimensions and weights

Net weight	900 g

Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Technical specifications for cable

Cable length	30 m	Sheathing colour	black
Shielded	Yes	Halogen	No
Acceleration	5 m/s²	Bending radius, min., moving	12 x cable diameter
Bending radius, min., stationary	5 x cable diameter	Bending cycles	1 mill.
Speed	100 m/s	Sheath material	PUR
Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Irradiation crosslinked	No	Colour coding	black, yellow, pink, grey / pink, green, white, blue, violet, brown, red, grey, red / blue
Temperature range, stationary	-40...80 °C	Temperature range, moving	-25...80 °C
Number of poles	12		

General technical data

Connection thread	M12	Contact surface	Gold-plated
LED	No	Version	pin, straight
Insulation resistance	108 Ω	Nominal voltage	30 V
Nominal current	1.5 A	AF size	13 mm
Protection degree	IP65, IP66	Plugging cycles	≥ 100
jumpered	No	Threaded ring material	Diecast zinc
Temperature range of housing	-40 ... +85 ° C	Tightening torque	M12: 0.8 - 1.2 Nm

Electrical properties

Insulation resistance	108 Ω	Nominal voltage	30 V

Plug, left

Plug left	connector, M12, A-coded, Number of poles: 12, male contact, straight, shielded

Plug, right

Plug right	free conductor end

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 9.0	27-06-03-11
ECLASS 9.1	27-06-03-11	ECLASS 10.0	27-06-03-11

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Technical data

ECLASS 11.0	27-06-03-11	ECLASS 12.0	27-06-03-11
ECLASS 13.0	27-06-03-11	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

SAIL-M12G-12S30U

Drawings

Dimensioned drawing
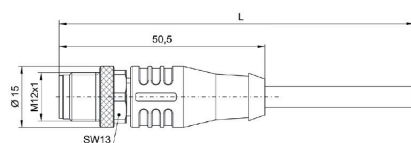
Pole scheme
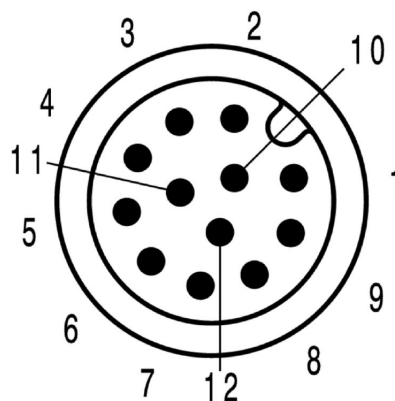
Male

Wiring diagram

|			
1	+		brown
2	−		blue
3			white
4			green
5			pink
6			yellow
7			black
8			grey
9			red
10			violet
11			grey/pink
12			red/blue

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

SAIL-M12G-12S30U

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Drawings