SAIL-M12GM12G-8-30U

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-M12GM12G-8-30U
Order No.	1279443000
Version	Sensor/actuator line, Connecting line, Number of poles : 8, 30 m, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118628661
Qty.	1 pc(s).

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SAIL-M12GM12G-8-30U

Technical data

Dimensions and weights

Net weight	1,535 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical specifications for cable

Number of poles	8	Core cross-section	0.25 mm²
Outside diameter	5.9 mm ± 0.2 mm	Cable length	30 m
Shielded	No	Insulation	PP
Colour coding	blue, red, white, brown, green, yellow, grey, pink	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-25...80 °C	Temperature range, stationary	-40...80 °C
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)
Suitable for cable carriers	Yes	Torsion resistance	180 °/m
Bending radius, min., stationary	5 x cable diameter	Bending radius, min., moving	10 x cable diameter
Acceleration	5 m/s²	Speed	5 m/s
Bending cycles	1 mill.	Resistant to welding beads	No
Configurable cable length	No		

General technical data

AF size	12 mm	Housing main material	PUR
Threaded ring material	Brass, nickel-plated	Coding	A
Protection degree	IP67, when screwed in	Contact surface	Gold-plated
LED	No	Rated voltage	30 V
Rated current	2 A	Insulation strength	10^8 Ω
Temperature range of housing	-25...+80 °C	Tightening torque	M12: 0.8 - 1.2 Nm
Plugging cycles	≥ 100	Pollution severity	3
jumpered	No		

Standards

Certificate no. (cULus)	E307231

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		

Approvals

Approvals

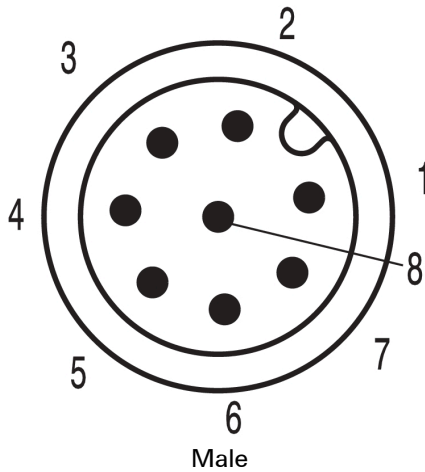|	
ROHS	Conform

SAIL-M12GM12G-8-30U

Drawings

Dimensioned drawing
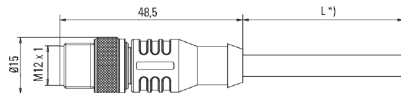
Male, straight

Dimensioned drawing
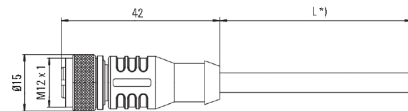
Straight socket

Pole scheme

Male

Pole scheme

Socket

Wiring diagram

1		white	1
2	+	brown	2
3		green	3
4		yellow	4
5		grey	5
6		pink	6
7	−	blue	7
8		red	8
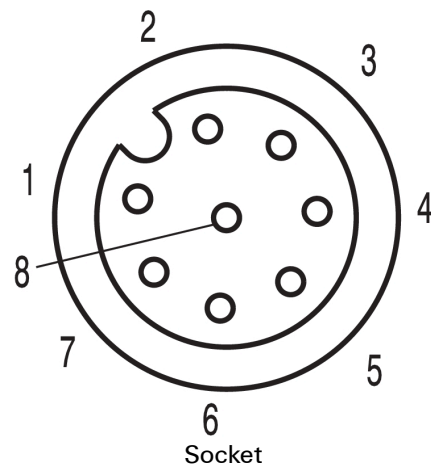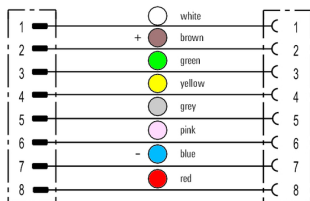
The ideal tool: Screwty [®] with torque function

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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