SAIL-M12BW-12-15U

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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-M12BW-12-15U
Order No.	1898241500
Version	Sensor/actuator line, One end without connector, M12, No. of poles: 12, 15 m, bush, 90°, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248733705
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Net weight	626 g

Technical specifications for cable

No. of poles	12	Core cross-section	0.14 mm²
shielded	No	Insulation	PP
Colour coding	Yellow, Pink, grey / pink, Green, White, Blue, Violet, Brown, Red, Grey, red / blue, Black	Sheath material	PUR
Sheathing colour	Black	Outer diameter	5.6 ± 0.2 mm
Cable length	15 m	Temperature range, moving, min.	-25 °C
Temperature range, moving, max.	80 °C	Temperature range, stationary, min.	-40 °C
Temperature range, stationary, max.	80 °C	Halogen	No
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	200 m/min
Bending cycles	1 mill.	Resistant to welding beads	No

General technical data

Version	bush, 90°	Contact tube diameter	M12
Housing main material	PUR	Threaded ring material	Brass, nickel-plated
Coding	A	Protection degree	IP 67, (when screwed in)
Contact surface	Gold-plated	LED	No
Rated voltage	30 V	Rated current	1.5 A
Insulation resistance	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

Classifications

ETIM 3.0	EC001855	UNSPSC	30-21-18-01
eClass 5.1	27-06-91-90	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90		

Approvals

Approvals	
ROHS	Conform

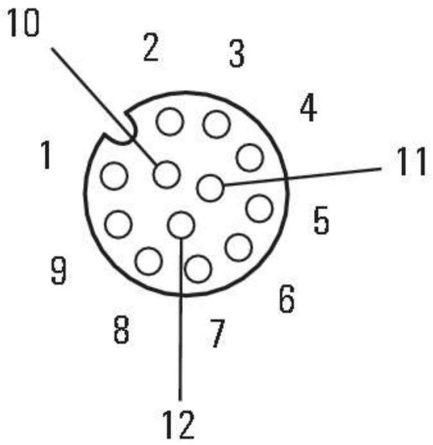
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Zeichnungen

Dimensioned drawing

Pole scheme



Circuit diagram

The ideal tool, the 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