SAIB-M23-12P-AN-20M

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.
The M23 cables offer: high mating frequency, high current carrying capacity and high-density contacts coupled with minimal dimensions.
Is there something you have not managed to find or you feel needs explanation? Talk to us!

General ordering data

Type	SAIB-M23-12P-AN-20M
Order No.	1877442000
Version	Sensor/actuator line, One end without connector, M23, No. of poles: 12, 20 m, bush, 90°, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248725175
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Net weight	2,810 g

Technical specifications for cable

No. of poles	12	Wire cross section	3 x 0.75 mm² + 8 x 0.34 mm²
shielded	No	Insulation	TPM
Colour coding	White, Green, Yellow, Grey, Pink, Red, Black, Violet, Blue, Brown, green / yellow	Sheath material	PUR
Sheathing colour	Black	Outer diameter	7.7 ± 0.3 mm
Cable length	20 m	Temperature range, moving, min.	-5 °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	0 °/m
Bending radius, min., moving	10 x cable diameter	Bending cycles	2 Mio
Resistant to welding beads	No		

General technical data

Version	bush, 90°	Contact tube diameter	M23
Housing main material	PUR	Threaded ring material	Diecast zinc
Protection degree	IP 67	Contact surface	Gold-plated
LED	No	Rated voltage	150 V
Rated current	8 A	Insulation resistance	10^{12} Ω
Temperature range of housing	-40...+125 °C	Tightening torque	M23: 2.5 Nm
Pollution severity	2	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

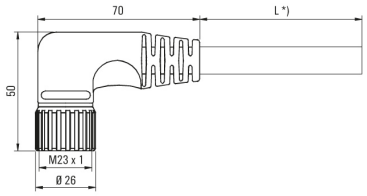
Approvals	
ROHS	Conform

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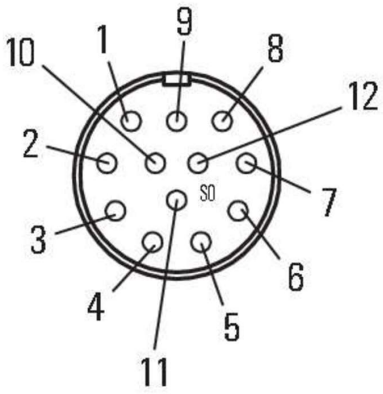
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Zeichnungen

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