SAIB-M23-19P-ST-3,0M

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-M23-19P-ST-3,0M
Order No.	1818180300
Version	Sensor/actuator line, One end without connector, M23, No. of poles: 19, 3 m, Female socket, straight, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248473878
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Net weight	567 g

Technical specifications for cable

No. of poles	19	Wire cross section	3 x 0.75 mm² + 16 x 0.34 mm²
shielded	No	Insulation	TPM
Colour coding	Violet, Red, Grey, red / blue, Green, Blue, grey / pink, white / green, white / yellow, white / grey, Black, green / yellow, yellow / brown, brown / green, White, Yellow, Pink, grey / brown, Brown	Sheath material	PUR
Sheathing colour	Black	Outer diameter	9.1 ± 0.3 mm
Cable length	3 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	Female socket, straight	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	26-12-16-13
eClass 5.1	27-06-91-90	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90		

Approvals

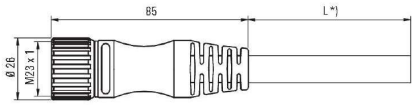
Approvals	
ROHS	Conform

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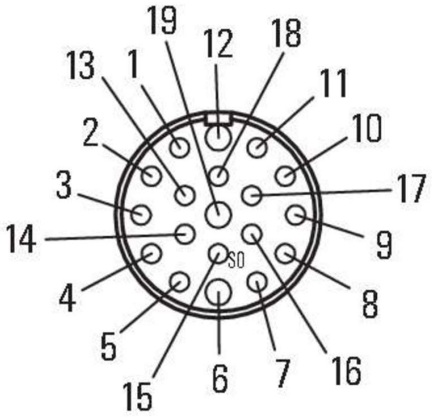
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Zeichnungen

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