SAIS-M23-19P-AN-10M

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	SAIS-M23-19P-AN-10M
Order No.	1818091000
Version	Sensor/actuator line, One end without connector, M23, No. of poles: 19, 10 m, pin, 90°, shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248310302
Qty.	1 pc(s).

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Technische Daten

Dimensions and weights

Net weight	1,752 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	10 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	pin, 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	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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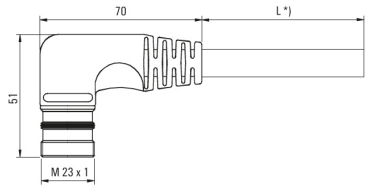
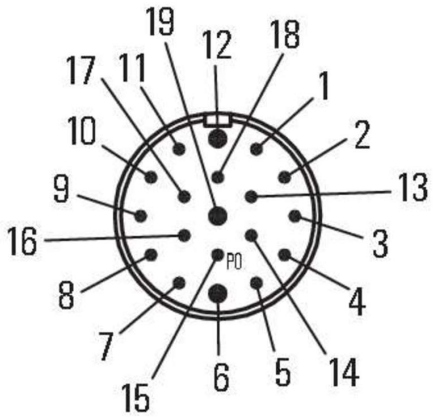
Zeichnungen

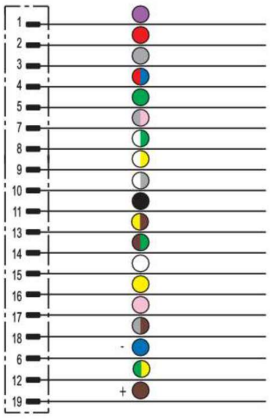
Dimensioned drawing



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