

SAIS-M23-19P-ST-5,0M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

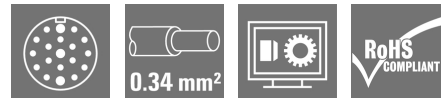
D-32758 Detmold

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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-ST-5,0M
Order No.	1818160500
Version	Sensor/actuator line, One end without connector, M23, No. of poles: 19, 5 m, pin, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248473830
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	681 g
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Temperatures

Operating temperature range, max.	125 °C	Operating temperature range, min.	-40 °C
Operating temperature, max.	125 °C	Operating temperature, min.	-40 °C

Technical specifications for cable

Number of poles		Wire cross section	12-pole (8x0.34+3x0.75)/19-pole (16x0.34+3x0.75)
	19	Shielded	No
Outside diameter	9.1 ± 0.3 mm	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
Insulation	TPM	Sheathing colour	Black
Sheath material	PUR	Temperature range, moving	-5...80 °C
Cable length	5 m	Halogen	No
Temperature range, stationary	-40...80 °C	Torsion resistance	0 °/m
Suitable for cable carriers	Yes	Bending cycles	2 Mio
Bending radius, min., moving	10 x cable diameter		
Resistant to welding beads	No		

General technical data

Version	pin, straight	connection thread	M23
Housing main material	PUR	Threaded ring material	Diecast zinc
Protection degree	IP67	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	ETIM 4.0	EC001855
ETIM 5.0	EC001855	ETIM 6.0	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
eClass 8.1	27-06-91-90	eClass 9.0	27-06-91-90
eClass 9.1	27-06-03-11		

Product information

Descriptive text ordering data	Other versions on request
Descriptive text technical data	Chapter W includes additional technical specifications for the cable

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Technical data**Approvals**

Approvals



ROHS

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Brochure/Catalogue

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Engineering Data

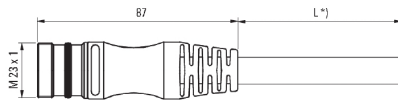
[EPLAN, WSCAD](#)

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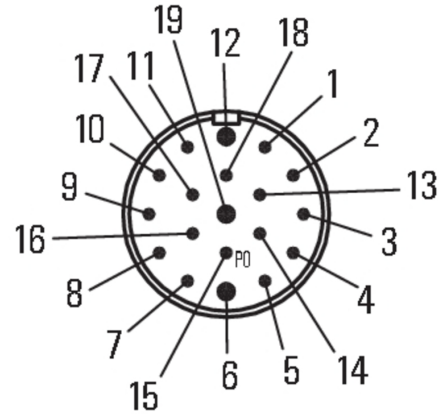
Drawings

Dimensioned drawing



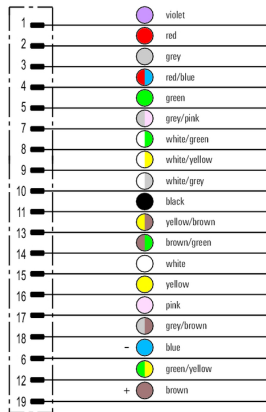
Male, straight

Pole scheme



Male

Wiring 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