

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

**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	SAIS-M23-19P-ST-5,0M
Order No.	<a href="#">1818160500</a>
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 920 g

**Technical specifications for cable**

No. of poles	19	Wire cross section	3 x 0.75 mm <sup>2</sup> + 16 x 0.34 mm <sup>2</sup>
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	5 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, 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 <sup>12</sup> Ω
Temperature range of housing	-40...+125 °C	Tightening torque	M23: 2.5 Nm
Pollution severity	2	jumpered	No

**Classifications**

ETIM 2.0	EC000304	ETIM 3.0	EC001855
UNSPSC	26-12-16-13	eClass 4.1	27-06-00-00
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

**Data sheet...**

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**Drawings**

