

SAIS-M23-12P-AN-5,0M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

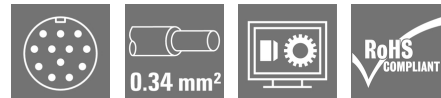
D-32758 Detmold

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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-M23-12P-AN-5,0M
Order No.	1906290500
Version	Sensor/actuator line, One end without connector, M23, External thread, No. of poles: 12, 5 m, pin, 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248529001
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Net weight	500 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	12	Wire cross section	12-pole (8x0.34+3x0.75)/19-pole (16x0.34+3x0.75)
Outside diameter	7.7 ± 0.3 mm	Shielded	No
Insulation	TPM	Colour coding	white, green, yellow, grey, pink, red, black, violet, blue, brown, green / yellow
Sheath material	PUR	Sheathing colour	Black
Cable length	5 m	Temperature range, moving	-5...80 °C
Temperature range, stationary	-40...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°	connection thread	M23, External thread
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	27-27-92-18	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	ST = straight AN = 90° elbow
Descriptive text technical data	Chapter W includes additional technical specifications for the cable

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Approvals



ROHS

Conform

Downloads

Brochure/Catalogue

[FL FIELDWIRING EN](#)

Engineering Data

[EPLAN, WSCAD](#)

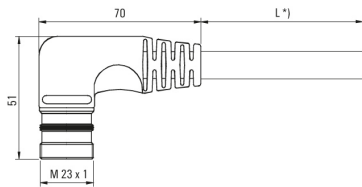
Data sheet

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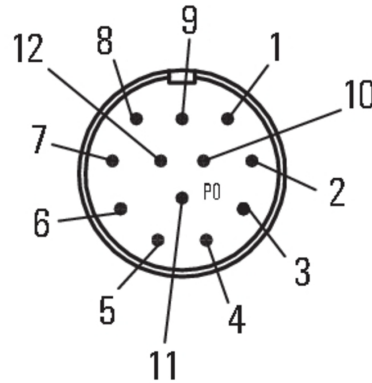
Drawings

Dimensioned drawing



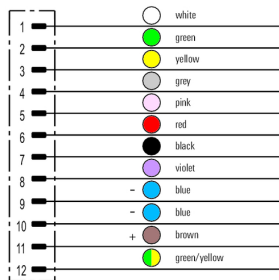
Male, angled

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