

SAIB-M23-12P-AN-5.0M

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 16

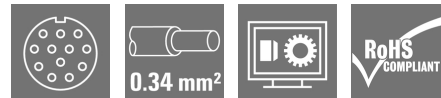
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Sensor/actuator cables are used for wiring sensors and actuators and for transmitting data or power in various applications. The moulded cable offers connected and tested connection of the plug-in connector to the cable ex-works. The cables may be 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-M23-12P-AN-5.0M
Order No.	1877440500
Version	Sensor/actuator line, One end without connector, M23, Inner thread, No. of poles: 12, 5 m, Socket, angled, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248498352
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	501 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	Socket, angled	connection thread	M23, Inner 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	27-06-91-90	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	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

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Brochure/Catalogue

[FL FIELDWIRING EN](#)

Engineering Data

[EPLAN, WSCAD](#)

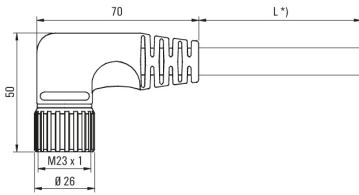
Data sheet

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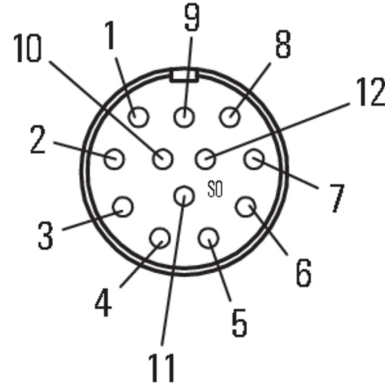
Drawings

Dimensioned drawing



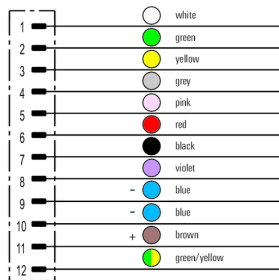
Angled socket

Pole scheme



Socket

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