

## SAIB-M23-12P-ST-10M

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

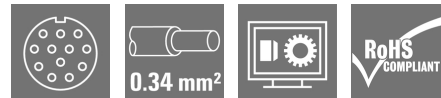
D-32758 Detmold

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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	SAIB-M23-12P-ST-10M
Order No.	<a href="#">1886441000</a>
Version	Sensor/actuator line, One end without connector, M23, Inner thread, Number of poles: 12, 10 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4032248491704
Qty.	1 pc(s).

Creation date August 17, 2020 10:10:06 PM CEST

Catalogue status 14.08.2020 / We reserve the right to make technical changes.

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**Technical data****Dimensions and weights**

Net weight 897 g

**Temperatures**

Operating temperature, max. 80 °C Operating temperature, min. -25 °C

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**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 mm ± 0.3 mm	Cable length	10 m
Shielded	No	Insulation	TPM
Colour coding	white, green, yellow, grey, pink, red, black, violet, blue, brown, Green/yellow	Sheath material	PUR
Sheathing colour	black	Halogen	No
Temperature range, moving	-25...80 °C	Temperature range, stationary	-50...80 °C
Outer cladding in accordance with UL AWM style	21198 (80 °C / 300 V)	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	Female socket, straight	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	120 V
Rated current	8 A	Insulation strength	10 <sup>12</sup> Ω
Temperature range of housing	-25...+80 °C	Tightening torque	M23: 2.5 Nm
Plugging cycles	≥ 50	Pollution severity	2
jumpered	No		

**Classifications**

ETIM 6.0	EC001855	ETIM 7.0	EC001855
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11
eClass 10.0	27-06-03-11	UNSPSC	26-12-16-13

**Approvals**

Approvals



ROHS Conform

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**Technical data****Downloads**

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Brochure/Catalogue	<a href="#">FL FIELDWIRING EN</a>
Engineering Data	<a href="#">EPLAN, WSCAD</a>

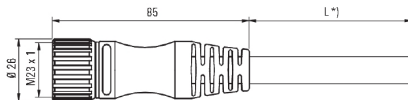
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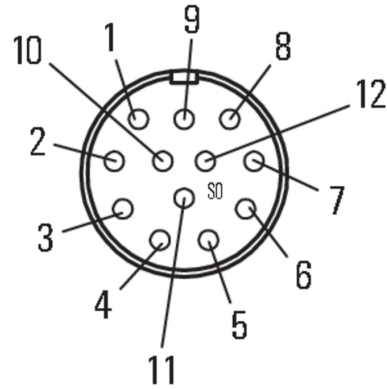
**Drawings**

**Dimensioned drawing**



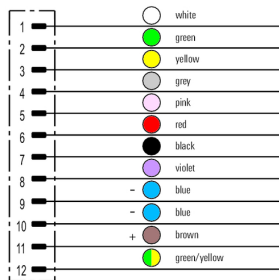
Straight socket

**Pole scheme**



Socket

**Wiring diagram**



**The ideal tool: 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