SAIB-M23-19P-ST-65M

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	SAIB-M23-19P-ST-65M
Order No.	1818186500
Version	Sensor/actuator line, One end without connector, M23, No. of poles: 19, 65 m, Female socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
GTIN (EAN)	4050118042603
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	9,400 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	19	Wire cross section	12-pole (8x0.34+3x0.75)/19-pole (16x0.34+3x0.75)
Outside diameter	9.1 ± 0.3 mm	Cable length	65 m
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	Halogen	No
Temperature range, moving	-25...80 °C	Temperature range, stationary	-50...80 °C
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Outer cladding in accordance with UL AWM style	20549 (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
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 strength	10^{12} Ω
Temperature range of housing	-25...+80 °C	Tightening torque	M23: 2.5 Nm
Plugging cycles	≥ 50	Pollution severity	2
jumpered	No		

Classifications

ETIM 4.0	EC002062	ETIM 5.0	EC002062
ETIM 6.0	EC001855	eClass 6.2	27-06-91-90
eClass 7.1	27-06-91-90	eClass 8.1	27-06-91-90
eClass 9.0	27-06-03-11	eClass 9.1	27-06-03-11

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Technical data

Approvals

Approvals	
ROHS	Conform

Downloads

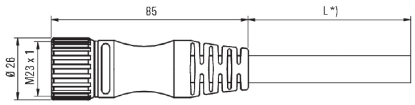
Brochure/Catalogue	FL FIELDWIRING EN

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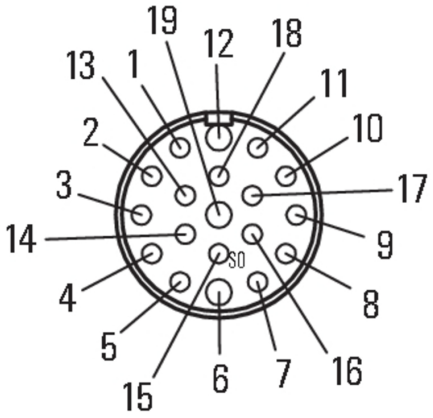
Drawings

Dimensioned drawing



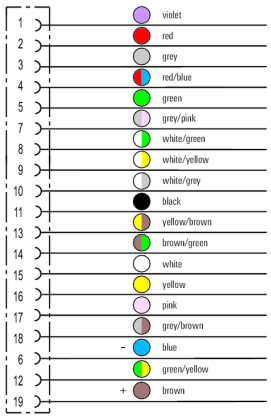
Straight socket

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