

SAIL-M23GM23G-GM-19-10U**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

0.34 mm²

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

Version	Sensor/actuator line, Connecting line, M23 / M23, Number of poles: 19, 10 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1541071000
Type	SAIL-M23GM23G-GM-19-10U
GTIN (EAN)	4050118346350
Qty.	1 pc(s).

Creation date April 15, 2021 4:08:40 PM CEST

Catalogue status 09.04.2021 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Net weight 1,294 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical specifications for cable

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
Cable length	10 m	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
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Halogen	No
Insulation	TPM	Number of poles	19
Outer cladding in accordance with UL AWM style	21198 (80 °C / 300 V)	Outside diameter	9.1 mm ± 0.3 mm
Resistant to welding beads	No	Sheath material	PUR
Sheathing colour	black	Shielded	No
Suitable for cable carriers	Yes	Temperature range, moving	-25...80 °C
Temperature range, stationary	-50...80 °C	Torsion resistance	0 °/m
Wire cross section	12-pole (8x0.34+3x0.75)/19-pole (16x0.34+3x0.75)		

General technical data

Connection side version	Connection side	1
	Connection thread	M23
	Type of contact	Socket
	Type of thread	Inner thread
	Outlet direction	straight
	Connection side	2
	Connection thread	M23
	Type of contact	Pin
	Type of thread	External thread
	Outlet direction	straight
Connection side version 1	M23, Socket, Inner thread, straight	
Connection side version 2	M23, Pin, External thread, straight	
Connection thread	M23 / M23	
Contact surface	Gold-plated	
Housing main material	PUR	
Insulation strength	10 ¹² Ω	
LED	No	
Plugging cycles	≥ 50	
Pollution severity	2	
Protection degree	IP67	
Rated current	8 A	
Rated voltage	120 V	
Temperature range of housing	-25...+80 °C	
Threaded ring material	Diecast zinc	
Tightening torque	M23: 2.5 Nm	

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Version	pin, straight - socket, straight
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	ECLASS 11.0	27-06-03-11

Approvals

ROHS	Conform
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Downloads

Engineering Data	STEP
Brochure/Catalogue	Catalogues in PDF-format

SAIL-M23GM23G-GM-19-10U

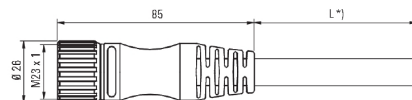
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Drawings

Dimensioned drawing

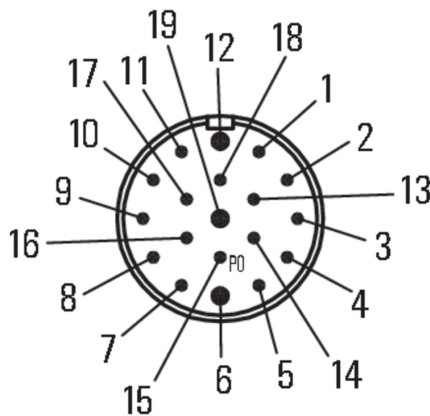
Dimensioned drawing



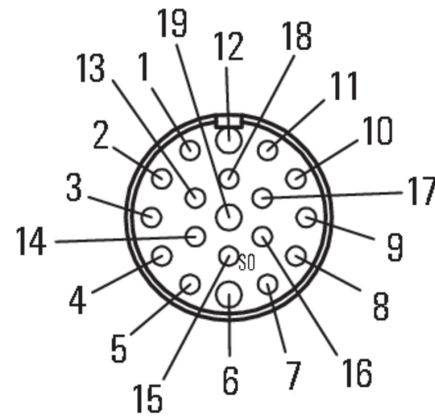
Straight socket

Pole scheme

Pole scheme



Male



Socket

Wiring diagram

The ideal tool: Screwty® with torque function

1	violet	1
2	red	2
3	grey	3
4	red/blue	4
5	green	5
6	grey/pink	6
7	white/green	7
8	white/yellow	8
9	white/grey	9
10	black	10
11	yellow/brown	11
12	brown/green	12
13	white	13
14	yellow	14
15	pink	15
16	grey/brown	16
17	blue	17
18	green/yellow	18
19	brown	19



Light, securely screwed-in round plug-in connectors. Screwty set DM / VPE: 1 / Order No.: 1920000000 Adapters: M12, M12 F, M8, M8 F