

SAIL-M23GM23G-MM19-15U

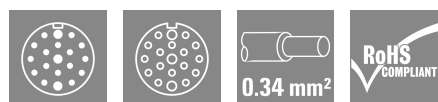
Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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, 15 m, pin, straight - socket, straight, Shielded: No, LED: No, Sheath material: PUR, Halogen: No
Order No.	1935511500
Type	SAIL-M23GM23G-MM19-15U
GTIN (EAN)	4050118623475
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E486077

Dimensions and weights

Net weight 1961 g

Environmental Product Compliance

RoHS Compliance Status Compliant

REACH SVHC Lead 7439-92-1

SCIP e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Technical specifications for cable

Cable length	15 m	Sheathing colour	black
Suitable for cable carriers	Yes	Shielded	No
Halogen	No	Insulation	TPM
Bending radius, min., moving	10 x cable diameter	Bending cycles	2 Mio
Wire cross section (Print/Online)	3 x 0.75 mm ² + 16 x 0.34 mm ²	Sheath material	PUR
Outer cladding in accordance with UL AWM style	21198 (80 °C / 300 V)	Core in accordance with UL AWM style	10493 (80 °C / 300 V)
Irradiation crosslinked	No	Welding spark resistance	No
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	Torsion resistance	0 °/m
Temperature range, stationary	-50...80 °C	Resistant to welding beads	No
Temperature range, moving	-25...80 °C	Number of poles	19
Outside diameter	9.1 mm ± 0.3 mm		

General technical data

Connection thread	M23 / M23	Contact surface	Gold-plated
LED	No	Version	pin, straight - socket, straight
Housing main material	PUR	Insulation resistance	1012 Ω
Nominal voltage	120 V	Nominal current	8 A
Protection degree	IP67	Plugging cycles	≥ 50
Pollution severity	2	jumpered	No
Threaded ring material	Diecast zinc	Temperature range of housing	-25...+80 °C
Tightening torque	M23: 2.5 Nm		

Electrical properties

Insulation resistance	1012 Ω	Nominal voltage	120 V
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Technical data

General standards

Certificate No. (cURus) E486077

Plug, left

Plug left M23, IP67, male contact, straight, Plastic, unshielded

Plug, right

Plug right IP67, female contact, straight, Plastic, unshielded

Classifications

ETIM 8.0	EC001855	ETIM 9.0	EC001855
ETIM 10.0	EC001855	ECLASS 14.0	27-06-03-11
ECLASS 15.0	27-06-03-11		

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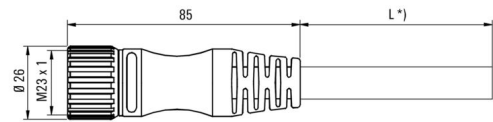
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Drawings

Dimensioned drawing

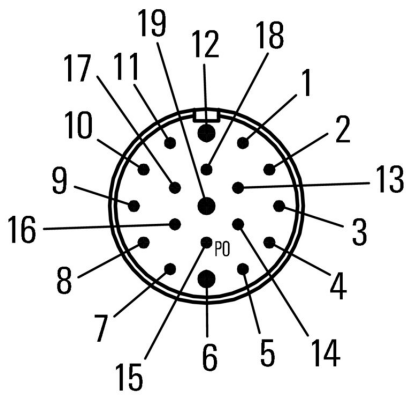


Dimensioned drawing



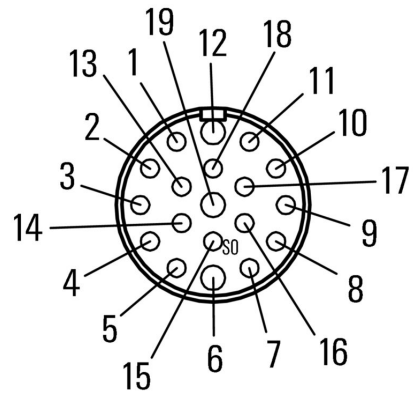
Straight socket

Pole scheme



Male

Pole scheme



Socket

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Drawings

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

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Accessories

Screwty for M23 moulded cables and customisable connectors



The Screwty® attachment is suitable for customisable M23 round plug-in connectors and for overmoulded M23 round plug-in connectors, with an outside dimension of the knurled nut of 26.2 ± 0.3 mm. The tightening torque is 2-2.5 Nm.

General ordering data

Type	SCREWTY M23	Version	
Order No.	1981560000	Cable gland tool adapter for M23 lines and connectors	
GTIN (EAN)	4032248677702		
Qty.	1 ST		

Screwty® cable gland tool with torque function



The ideal tool for any application
 Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

General ordering data

Type	1/4" HANDGRIFF	Version	
Order No.	4294820000	Bolting tool	
GTIN (EAN)	4032248478279		
Qty.	1 ST		