

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 Stück

Erstellungs-Datum May 30, 2023 3:47:26 PM CEST

Katalogstand 26.05.2023 / Technische Änderungen vorbehalten

SAIL-M23GM23G-MM19-15U

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

www.weidmueller.com

Technische Daten

Dimensions and weights

Net weight 1,000 g

Technical specifications for cable

Bending cycles	2 Mio	Bending radius, min., moving	10 x cable diameter
Cable length	15 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	Irradiation crosslinked	No
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	Welding spark resistance	No
Wire cross section (Print/Online)	3 x 0.75 mm ² + 16 x 0.34 mm ²		

General technical data

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	Version	pin, straight - socket, straight
jumpered	No		

Electrical properties

Insulation strength 10¹² Ω Rated voltage 120 V

Plug

Plug	Cable side	left
	Version of contact face	M23
	Protection degree (IP)	IP67
	Gender of contact	male contact
	Outlet direction	straight
	Housing main material	Plastic
	Shielding available	No
	Cable side	right
	Protection degree (IP)	IP67
	Gender of contact	female contact
	Outlet direction	straight
	Housing main material	Plastic
	Shielding available	No

Erstellungs-Datum May 30, 2023 3:47:26 PM CEST

SAIL-M23GM23G-MM19-15U

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technische Daten

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

Classifications

ETIM 6.0	EC001855	ETIM 7.0	EC001855
ETIM 8.0	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	ECLASS 12.0	27-06-03-11

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Approvals

Approvals



ROHS	Conform
------	---------

Downloads

Catalogues	Catalogues in PDF-format
------------	--

SAIL-M23GM23G-MM19-15U

Weidmüller Interface GmbH & Co. KG
 Klingenbergstraße 26
 D-32758 Detmold
 Germany

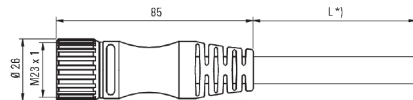
www.weidmueller.com

Zeichnungen

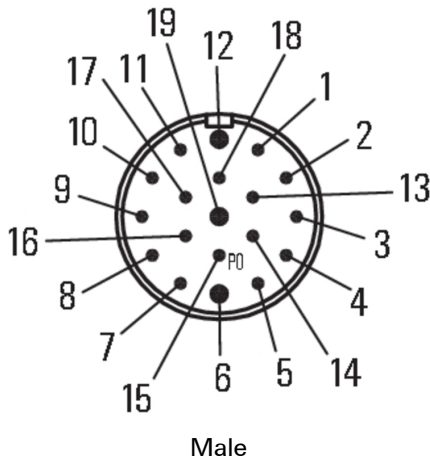
Dimensioned drawing



Dimensioned drawing

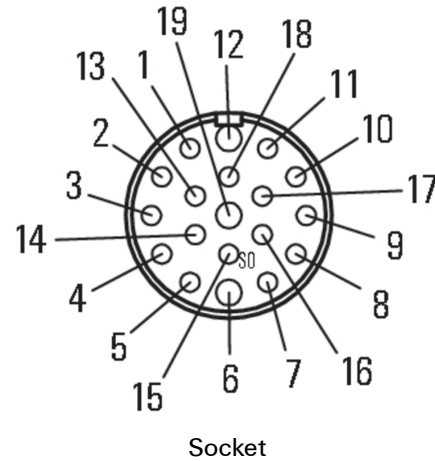


Pole scheme

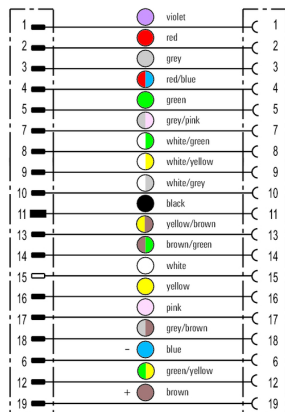


Straight socket

Pole scheme



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