

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

Our developers have focused specifically on this issue and designed a host of different M8 and M12 sensor-actuator cables so you are bound to find the solution you need for your application.

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, M12 / M8, Number of poles: 4, 5 m, pin, straight - socket, 90°, Shielded: No, LED: Yes, Sheath material: PUR, Halogen: No
Order No.	<u>1906430500</u>
Туре	SAIL-M12GM8W-4L5.0U
GTIN (EAN)	4032248529575
Qty.	1 pc(s).



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Technical data

145 g		
npliance		
Lead 7439-92-1	SCIP	1c533b66-fcff-4da5-b8 fd55fbf5cb55
r cable		
5 m/s²	Bending cycles	12 Mio
· · · · · · · · · · · · · · · · · · ·		10 x cable diameter
		5 m
		No
		10493 (80 °C / 300 V)
	· ·	Yes
		No
	-	1 m
	Outer cladding in accordance with UL	20549 (80 °C / 300 V)
4.4 mm ± 0.2 mm	Resistance to oils	in accordance with IEC 60811:404
In accordance with UL1581 UL / CUL FT2, in accordance with IEC	Resistant to welding beads	
	-	No
	-	black
		5 m/s
		-2580 °C
-4080 °C No	Torsion resistance	360 °/m
M12 = A M2 = papa	Connection throad	N/12 / N/O
		M12 / M8 PUR
		Yes
		3
	Rated current	4 A
-	Temperature range of housing	-40 +85 ° C
Brass, nickel-plated,	Tightening torque	M8: 0.5 - 0.6 Nm, M12: 0.8 - 1.2 Nm
pin, straight - socket, 90°	jumpered	No
4080	Rated voltage	041/
10° Ω	насеч уонаус	24 V
	Lead 7439-92-1 r cable 5 m/s² > 5 Mio. 5 x cable diameter brown, white, blue, black 0.25 mm² No PP Yes 4 4.4 mm ± 0.2 mm In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2 PUR No Yes -4080 °C No M12 = A, M8 = none Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66 24 V Brass, nickel-plated, Diecast zinc pin, straight - socket,	SCIP Lead 7439-92-1 r cable 5 m/s² > 5 Mio. 5 x cable diameter brown, white, blue, black 0.25 mm² No PP Yes 4.4 mm ± 0.2 mm In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2 PUR No Yes -4080 °C No M12 = A, M8 = none Gold-plated 10 ⁸ Ω ≥ 100 IP67, IP68, when screwed in, IP65, IP66 24 V Brass, nickel-plated, Diecast zinc pin, straight - socket, 90° Bending cycles Bending roycles Bending cycles Bending roycles Bending cycles Bending cycles Bending cycles Bending cycles Bending cycles Bending roycles Bending cycles Bending coles Bending cycles Bending cycles Bending coles Confered coles and



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Technical data

Standards

Connector standard	IEC 61076-2-101, IEC 61076-2-104	

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

Approvals

Approvals		
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Conform

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ROHS

Engineering Data	EPLAN, WSCAD
Product Change Notification	DE - Technische Änderung zu M12 Gewindering mit 6-Kant
	EN - Technical change to M12 nut with additional hexagonal mounting
Catalogues	Catalogues in PDF-format
Brochures	<u>FL FIELDWIRING EN</u>



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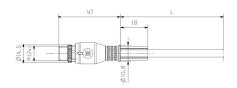
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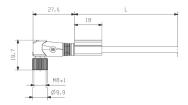
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Drawings

Dimensioned drawing

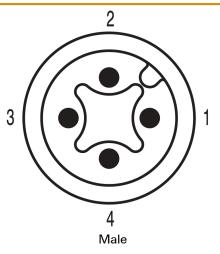
Dimensioned drawing



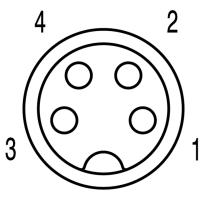


Male, straight

Pole scheme



Pole scheme

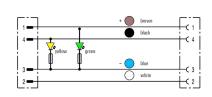


Angled socket

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.: 192000000 Adapters: M12, M12 F, M8, M8 F

Mouser Electronics

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Click to View Pricing, Inventory, Delivery & Lifecycle Information:

<u>Weidmuller</u>: 1906430500