

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.

The M8 and M12 sensor-actuator cables are supplied as standard with brass nickel-plated nuts. However if you are looking to use our products in an extremely harsh environment, we can also supply a variant with a plastic nut. This enables use in environments where cables with nickel-plated M8 and M12 nuts would rust. Is there something you have not managed to find or you

feel needs explanation? Talk to us!

General ordering data

GTIN (EAN) Qtv.	4032248887958 1 pc(s).
Туре	SAIP-M12GM12W-4-5.0U
Order No.	<u>1108880500</u>
Version	Sensor/actuator line, Connecting line, M12 / M12, Number of poles : 4, 5 m, pin, straight - socket, 90°, Shielded: No, LED: No, Sheath material: PUR, Halogen: No

Technical data



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Dimensions and weights				
165 g				
r cable				
- / .				
		12 Mio		
		10 x cable diameter		
		5 m		
		No		
	· · · ·	,		
		Yes		
		No		
Yes		1 m		
4	AWM style	20549 (80 °C / 300 V)		
4.7 mm ± 0.2 mm	Resistance to oils	in accordance with IEC 60811:404		
In accordance with UL1581 UL / CUL FT2, in accordance with IEC 60332-2-2	Resistant to welding beads	No		
PUR	Sheathing colour	black		
No		5 m/s		
Yes		-2580 °C		
-4080 °C	Torsion resistance	360 °/m		
No		,		
А	Connection thread	M12 / M12		
Gold-plated	Housing main material	PUR		
10 ⁸ O	LED	No		
	Pollution severity	3		
IP65, IP66, IP67, IP68, when screwed in	Rated current	4 A		
250 V	Temperature range of housing	-40 +85 ° C		
Plastic	Tightening torque	M12 (plastic): 0.9 - 1.1 Nm		
pin, straight - socket, 90°	jumpered	No		
10 ⁸ 0	Rated voltage	250.1/		
10 Ω	hated voltage	250 V		
E307231	Connector standard	IEC 61076-2-101		
IEC 61076-2-101				
	r cable 5 m/s ² > 5 Mio. 5 x cable diameter brown, white, blue, black 0.34 mm ² No PP Yes 4 4 4.7 mm ± 0.2 mm In accordance with UL 1581 UL / CUL FT2, in accordance with IEC 60332-2-2 PUR No Yes -4080 °C No A Gold-plated 10 ⁸ Ω ≥ 100 IP65, IP66, IP67, IP68, when screwed in 250 V Plastic pin, straight - socket, 90° 10 ⁸ Ω E307231	5 m/s²Bending cycles> 5 Mio.Bending radius, min., moving5 x cable diameterCable lengthbrown, white, blue, blackCorfigurable cable length0.34 mm²Core in accordance with UL AWM styleNoHydrolysis and microbe resistantPPIrradiation crosslinked4Length of torsion0 Uter cladding in accordance with UL4Outer cladding in accordance with UL4Resistance to oils4.7 mm ± 0.2 mmResistance to oilsIn accordance withResistance to oilsUL1581 UL / CUL FT2, in accordance with IEC 60332-2-2Sheathing colourNoSpeedYesTemperature range, moving-4080 °CTorsion resistanceNoED24080 °CDellution severityNoPollution severity10 ⁶ ΩED2 100Pollution severityIP65, IP66, IP67, IP68, when screwed inTemperature range of housing250 VTemperature range of housingInstricJohening trightening torquejumperedjumperedjo8 QRated voltage10 ⁸ ΩRated voltage10 ⁸ ΩRated voltage		



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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

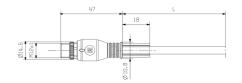
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Approvals

Approvals	
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231
Downloads	
Engineering Data	WSCAD
Catalogues	Catalogues in PDF-format
Brochures	<u>FL FIELDWIRING EN</u>

Drawings

Dimensioned drawing



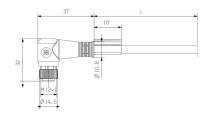


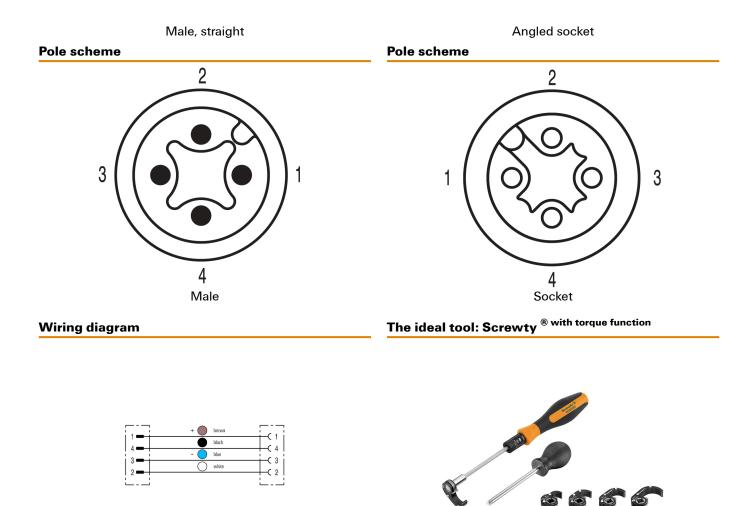
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Dimensioned drawing





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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