

#### 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.

Our sensor cables come with 360° shielding which provides protection against electromagnetic interference. Is there something you have not managed to find or you feel needs explanation? Talk to us!

### General ordering data

Version	Sensor/actuator line, One end without connector, M12, Number of poles : 5, 4 m, Female socket, straight, Shielded: Yes, LED: No, Sheath material: PUR, Halogen: No		
Order No.	<u>9456140400</u>		
Туре	SAIL-M12BG-5S4.0U		
GTIN (EAN)	4050118495638		
Qty.	1 pc(s).		

## **Technical data**



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NI	000			
Net weight	200 g			
Environmental Product Compl	iance			
REACH SVHC	Lead 7439-92-1	SCIP	1c533b66-fcff-4da5-b89f fd55fbf5cb55	
Technical specifications for ca	able			
Acceleration	5 m/s <sup>2</sup>	Bending cycles	2 Mio	
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	5 x cable diameter	
Cable length	4 m	Colour coding	blue, white, brown, grey, black	
Configurable cable length	No	Core cross-section	0.34 mm <sup>2</sup>	
Core in accordance with UL AWM style	10493 (80 °C / 300 V)	Halogen	No	
Hydrolysis and microbe resistant	Yes	Insulation	PP	
rradiation crosslinked	No	LABS-free	Yes	
Number of poles	5	Outer cladding in accordance with UL AWM style	20549 (80 °C / 300 V)	
Outside diameter	5.7 mm ± 0.2 mm	Resistance to oils	in accordance with IEC 60811:404	
Resistance to spread of flame	In accordance with UL1581 UL / CUL FT2, in accordance with IEC	Resistant to welding beads		
	60332-2-2		No	
Sheath material	PUR	Sheathing colour	black	
Shielded	Yes	Speed	200 m/min	
Suitable for cable carriers	Yes	Temperature range, moving	-2580 °C	
Temperature range, stationary	-4080 °C	Torsion resistance	0 °/m	
Welding spark resistance	No			
General technical data				
Coding	A	Connection thread	M12	
Contact surface	Gold-plated	Housing main material	PUR	
nsulation strength	10 <sup>8</sup> Ω	LED	No	
Plugging cycles	≥ 100	Pollution severity	3	
Protection degree	IP65, IP66, IP67, IP68, when screwed in	Rated current	4 A	
Rated voltage	60 V	Temperature range of housing	-40 +85 ° C	
Threaded ring material	Diecast zinc	Tightening torque	M12: 0.8 - 1.2 Nm	
Version	Female socket, straight	jumpered	No	

Insulation strength 10<sup>8</sup> Ω Rated voltage 60 V General standards Certificate no. (cULus) E307231



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### 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



ROHS	Conform	
UL File Number Search	UL Website	
Certificate no. (cULus)	E307231	

### Downloads

Engineering Data	CAD data – STEP	
Catalogues	Catalogues in PDF-format	
Brochures	<u>FL FIELDWIRING EN</u>	

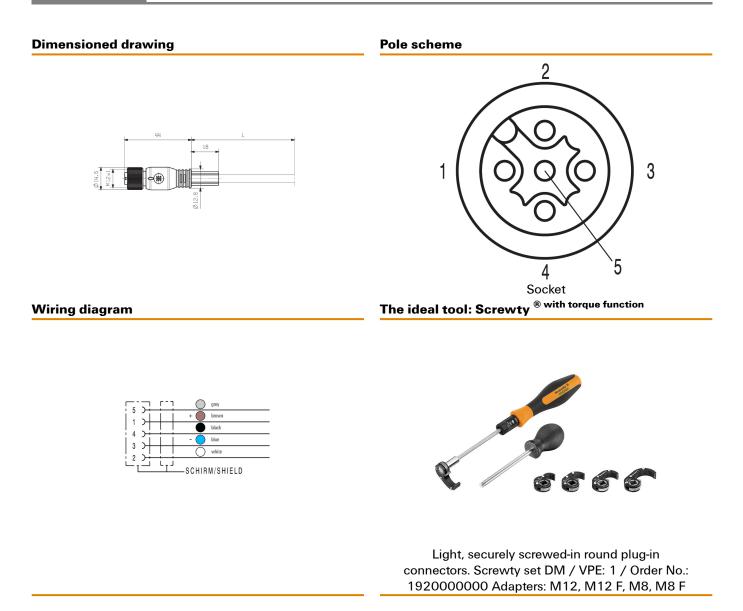
## Drawings



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Authorized Distributor

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