

## SAIE-M12S-8-0.5U-PG9

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

www.weidmueller.com



Various built-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

### General ordering data

Version	Built-in plugs, M12, pin, straight, Mounting thread: PG 9, Number of poles: 8, Strand / cable length: 0.5 m, Front mounting
Order No.	<a href="#">1861240000</a>
Type	SAIE-M12S-8-0.5U-PG9
GTIN (EAN)	4032248419319
Qty.	1 items

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## Technical data

### Approvals

Approvals



ROHS	Conform
UL File Number Search	<a href="#">UL Website</a>
Certificate no. (cULus)	E307231

### Dimensions and weights

Net weight	28 g
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### Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

### Technical specifications for cable

PE function	No	Core cross-section	0.25 mm <sup>2</sup>
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)	Strand / cable length	0.5 m
Colour coding	white, brown, green, yellow, grey, pink, blue, red	Number of poles	8

### Technical data customisable plug-in connectors

Number of poles	8	Coding	A-coded
Contact surface	Gold-plated	Housing main material	Brass, nickel-plated
Nominal voltage	30 V	Nominal current	2 A
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100
Cable gland	PG 9	Rated current	4 A (4- and 5-pole) / 2 A (8-pole)
Temperature range of housing	-30...+90 °C		

### Standards

Connector standard	IEC 61076-2-101
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### General data

Number of poles	8
Coding	A-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.25 mm <sup>2</sup>
Housing main material	Brass, nickel-plated
Type of mounting	Front mounting
Nominal voltage	30 V
Nominal current	2 A
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Cable gland	PG 9

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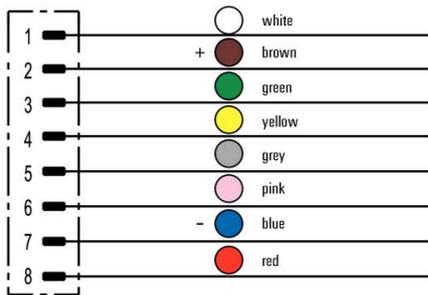
## Technical data

Basic material	PVC		
Rated voltage	250 V (4-pole) / 60 V (5-pole) / 30 V (8-pole)		
Rated current	4 A (4- and 5-pole) / 2 A (8-pole)		
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)		
Connection 1	M12		
Connection 2	Flying wires		
Strand / cable length	0.5 m		
Mounting thread	PG 9		
Mounting torque range	2 Nm		
Mounting torque	max.	2 Nm	
Temperature range of housing	-30...+90 °C		
Conductor O.D.	-		

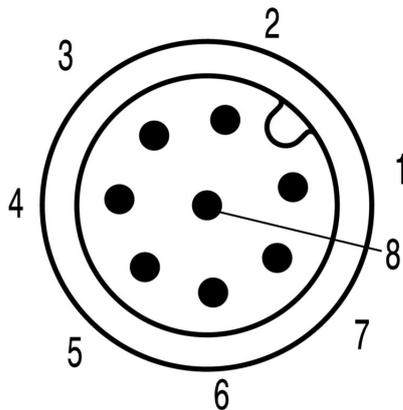
## Classifications

ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	EC003570	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

Wiring diagram



Pole scheme



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## Accessories

### Brass lock nuts, nickel-plated



In addition to cable glands for a wide range of applications, the product portfolio is rounded off by plugs, pressure compensation elements, adaptors and the corresponding accessories such as locknuts, sealing rings, flat washers and earthing rings.

### General ordering data

Type	SKMU PG9-MS	Version	
Order No.	<a href="#">1694080000</a>	SKMU MS (brass locknut), Locknut, PG 9, 2.8 mm, Brass, nickel-plated	
GTIN (EAN)	4008190872243		
Qty.	100 ST		