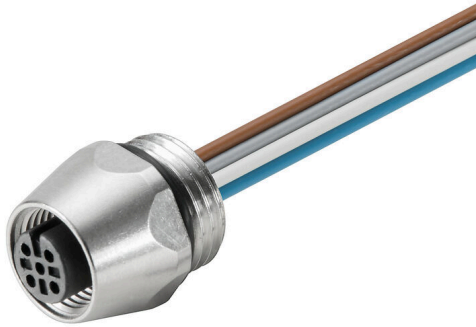


## SAIE-M12B-4-0.5U-PG9

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

[www.weidmueller.com](http://www.weidmueller.com)



Various build-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, Female socket, straight, Mounting thread: PG 9, Number of poles: 4, Strand / cable length: 0.5 m, Front mounting
Order No.	<a href="#">1861250000</a>
Type	SAIE-M12B-4-0.5U-PG9
GTIN (EAN)	4032248419326
Qty.	1 items

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

## Dimensions and weights

Net weight 28 g

## 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	0.34 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	brown, white, blue, black	Number of poles	4

## Technical data customisable plug-in connectors

Number of poles	4	Coding	A-coded
Contact surface	Gold-plated	Housing main material	Zinc diecast
Nominal voltage	250 V	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

## General data

Number of poles	4
Coding	A-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.34 mm <sup>2</sup>
Housing main material	Zinc diecast
Type of mounting	Front mounting
Nominal voltage	250 V
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Cable gland	PG 9
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)

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## Technical data

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		