

**SAIE-M12B-8-0.5U-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: 8, Strand / cable length: 0.5 m, Front mounting
Order No.	<a href="#">1861270000</a>
Type	SAIE-M12B-8-0.5U-PG9
GTIN (EAN)	4032248419340
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	33 g
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## Technical data customisable plug-in connectors

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

## Standards

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

Cable glands	PG 9	Cable length	0.5 m
Coding	A-coded	Conductor O.D.	-
Connection thread	M12	Contact surface	Gold-plated
Core cross-section	0.25 mm <sup>2</sup>	Housing main material	Zinc diecast
Material	PVC	Mounting thread	PG 9
Number of poles	8	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	2 A
Rated current	4 A (4- and 5-pole) / 2 A (8-pole)	Rated voltage	30 V
Rated voltage	250 V (4-pole) / 125 V (5-pole) / 60 V (8-pole)	Strand / cable length	0.5 m
Temperature range of housing	-30...+90 °C	Type of mounting	Front mounting
Wire cross section (Print/Online)	0.34 (4- and 5-pole) / 0.25 (8-pole)		

## Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC003570
ETIM 8.0	EC003570	ETIM 9.0	EC003570
ECLASS 9.0	27-44-01-03	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-03	ECLASS 11.0	27-44-01-03
ECLASS 12.0	27-44-01-03	ECLASS 13.0	27-44-01-03

## Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

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Approvals



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

**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

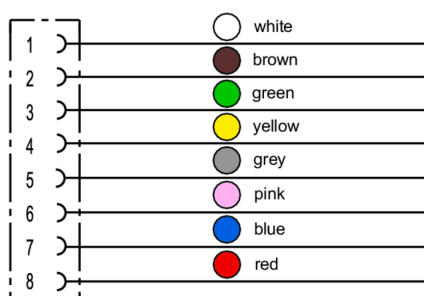
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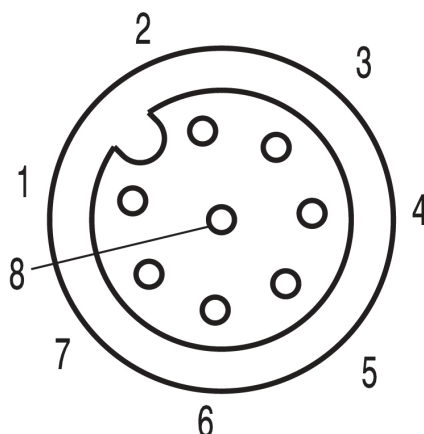
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# Drawings

## Wiring diagram



## Pole scheme



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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 pc(s).	