

**SAIE-M12S-5-0.5U-PG9****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, pin, straight, PG 9, Number of poles: 5, 0.5 m, Front mounting
Order No.	<a href="#">1856120000</a>
Type	SAIE-M12S-5-0.5U-PG9
GTIN (EAN)	4032248398980
Qty.	1 pc(s).

Creation date March 9, 2023 12:18:22 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Net weight 25 g

### Temperatures

Operating temperature, min. -30 °C Operating temperature, max. 90 °C

### Technical data customisable plug-in connectors

Cable glands	PG 9	Coding	A
Contact surface	Gold-plated	Housing main material	Brass, nickel-plated
Number of poles	5	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	4 A (4- and 5-pole) / 2 A (8-pole)
Rated voltage	60 V	Rated voltage	250 V (4-pole) / 125 V (5-pole) / 60 V (8-pole)
Temperature range of housing	-30...+90 °C		

### Standards

Connector standard IEC 61076-2-101

### General data

Cable glands	PG 9	Cable length	0.5 m
Coding	A	Conductor O.D.	-
Connection thread	M12	Contact surface	Gold-plated
Core cross-section	0.34 mm <sup>2</sup>	Housing main material	Brass, nickel-plated
Material	PVC	Mounting thread	PG 9
Number of poles	5	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	4 A (4- and 5-pole) / 2 A (8-pole)
Rated voltage	60 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	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

### Environmental Product Compliance

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

**Data sheet****SAIE-M12S-5-0.5U-PG9****Weidmüller Interface GmbH & Co. KG**  
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**Technical data****Approvals**

Approvals



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

**Downloads**

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

**Data sheet**

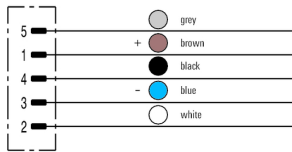
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**Drawings**

**Wiring diagram**



**Pole scheme**

