

**SAIE-M12S-8-0.5U-M16****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, pin, straight, Mounting thread: M 16 x 1.5, Number of poles: 8, Strand / cable length: 0.5 m, Front mounting
Order No.	<a href="#">1861110000</a>
Type	SAIE-M12S-8-0.5U-M16
GTIN (EAN)	4032248419159
Qty.	1 pc(s).

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**Technical data****Dimensions and weights**

Net weight	29 g
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**Technical data customisable plug-in connectors**

Coding	A-coded	Contact surface	Gold-plated
Housing main material	Brass, nickel-plated	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)/ 1.5 A (12-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 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	Brass, nickel-plated	Material	PUR
Mounting thread	M 16 x 1.5	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)/ 1.5 A (12-pole)
Rated voltage	30 V	Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-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)/ 0.14 (12-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
ECLASS 14.0	27-44-01-03		

**Environmental Product Compliance**

RoHS Compliance Status	Compliant
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**

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>
Brochures	<a href="#">FL FIELDWIRING EN</a> <a href="#">FL FIELDWIRING EN</a>

## SAIE-M12S-8-0.5U-M16

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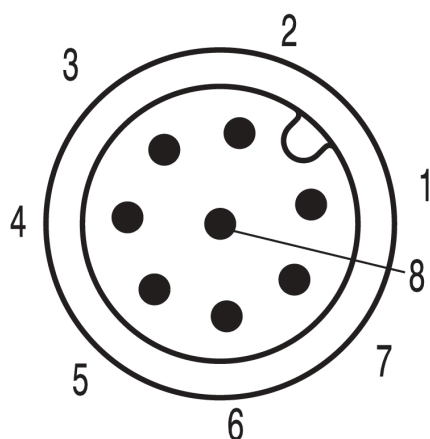
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# Drawings

## Pole scheme



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[www.weidmueller.com](http://www.weidmueller.com)**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 M16 MS	Version
Order No.	<a href="#">1736990000</a>	SKMU MS (brass locknut), Locknut, M 16, 2.8 mm, Brass, nickel-
GTIN (EAN)	4008190956462	plated
Qty.	100 pc(s).	