

SAIE-M12S-8-2.5U-M16**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, Mounting thread: M 16 x 1.5, Number of poles: 8, Strand / cable length: 2.5 m, Front mounting
Order No.	1985860000
Type	SAIE-M12S-8-2.5U-M16
GTIN (EAN)	4050118370706
Qty.	1 pc(s).

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Technical data

Dimensions and weights

Net weight	85 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	2.5 m	Coding	A-coded
Conductor O.D.	-	Connection thread	M12
Contact surface	Gold-plated	Core cross-section	0.25 mm ²
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	2.5 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

Environmental Product Compliance

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

Approvals

Approvals



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

Creation date May 10, 2024 5:03:22 PM CEST

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Technical data

Downloads

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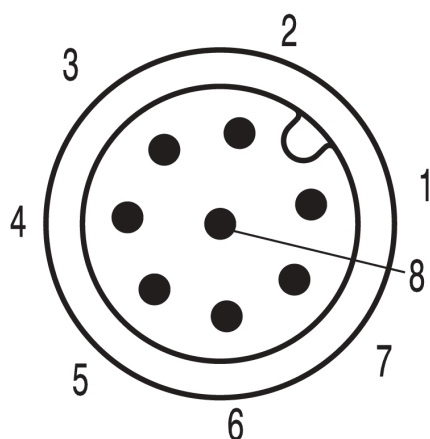
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Drawings

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 M16 MS	Version
Order No.	1736990000	SKMU MS (brass locknut), Locknut, M 16, 2.8 mm, Brass, nickel-
GTIN (EAN)	4008190956462	plated
Qty.	100 pc(s).	