

SAIE-M12B-8-0,5U-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, Female socket, straight, Mounting thread: M 16 x 1.5, Number of poles: 8, Strand / cable length: 0.5 m, Front mounting
Order No.	1861140000
Type	SAIE-M12B-8-0,5U-M16
GTIN (EAN)	4032248419210
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

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)/ 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 1	M12
Connection 2	Flying wires	Connection thread	M12
Contact surface	Gold-plated	Core cross-section	0.25 mm ²
Housing main material	Zinc diecast	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)

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC003570
ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	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
ECLASS 15.0	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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www.weidmueller.com**Technical data****Approvals**

Approvals



Approvals MAMID	https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/
ROHS	Conform
UL File Number Search	UL Website
Certificate no. (cULus)	E307231

Downloads

Engineering Data	CAD data – STEP
Catalogues	Catalogues in PDF-format
Brochures	FL FIELDWIRING EN FL FIELDWIRING EN

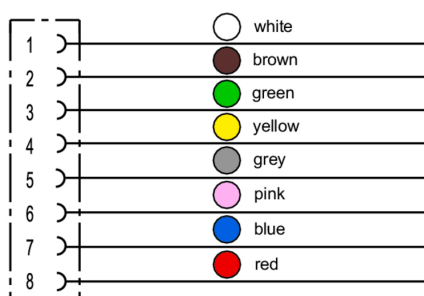
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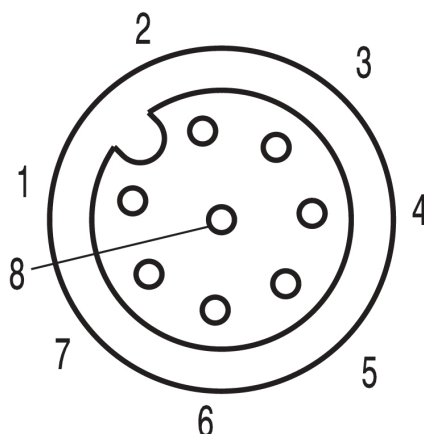
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Drawings

Wiring diagram



Pole scheme



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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.	1736990000	SKMU MS (brass locknut), Locknut, M 16, 2.8 mm, Brass, nickel-
GTIN (EAN)	4008190956462	plated
Qty.	100 pc(s).	