

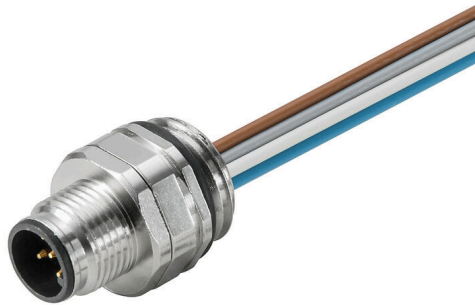
SAIE-M12S-12-0.5U-FP-M16**Weidmüller Interface GmbH & Co. KG**

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: 12, Strand / cable length: 0.5 m, Front mounting
Order No.	1283550000
Type	SAIE-M12S-12-0.5U-FP-M16
GTIN (EAN)	4050118073720
Qty.	1 items

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

Dimensions and weights

Net weight 18.19 g

Environmental Product Compliance

RoHS Compliance Status Compliant

REACH SVHC Lead 7439-92-1

SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical specifications for cable

PE function	No	Core cross-section	0.14 mm ²
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)	Strand / cable length	0.5 m
Colour coding	brown, blue, white, green, pink, yellow, black, grey, red, violet, grey / pink, red / blue	Number of poles	12

Technical data customisable plug-in connectors

Number of poles	12	Coding	A-coded
Contact surface	Gold-plated	Housing main material	Brass, nickel-plated
Nominal voltage	30 V	Nominal current	1.5 A
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)	Temperature range of housing	-30...+90 °C

Standards

Connector standard IEC 61076-2-101

General data

Number of poles	12
Coding	A-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.14 mm ²
Housing main material	Brass, nickel-plated
Type of mounting	Front mounting
Nominal voltage	30 V
Nominal current	1.5 A
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100

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Technical data

Basic material	PVC
Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)
Connection 1	M12
Connection 2	Flying wires
Strand / cable length	0.5 m
Mounting thread	M 16 x 1.5
Mounting torque range	2 Nm
Mounting torque	max. 2 Nm
Temperature range of housing	-30...+90 °C
Conductor O.D.	-

Classifications

ETIM 8.0	EC003570	ETIM 9.0	EC003570
ETIM 10.0	EC003570	ECLASS 14.0	27-44-01-03
ECLASS 15.0	27-44-01-03		

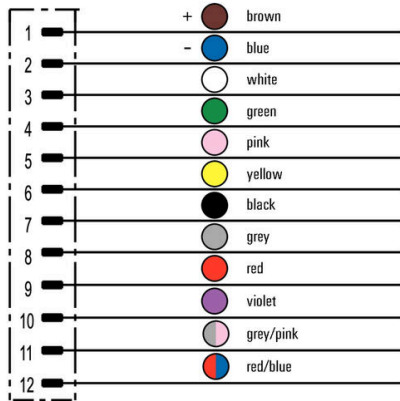
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Drawings

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Wiring diagram



Pole scheme

