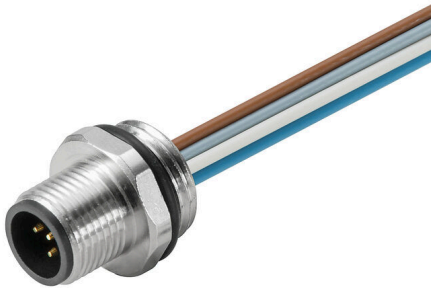


SAIE-M12S-5-0.5U-PG9

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, Mounting thread: PG 9, Number of poles: 5, Strand / cable length: 0.5 m, Front mounting
Order No.	1856120000
Type	SAIE-M12S-5-0.5U-PG9
GTIN (EAN)	4032248398980
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	22 g
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Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	e8d8af70-4c85-4483-bc8c-9bc5b598e2a9

Technical specifications for cable

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

Technical data customisable plug-in connectors

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

Standards

Connector standard	IEC 61076-2-101
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General data

Number of poles	5
Coding	A-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.34 mm ²
Housing main material	Brass, nickel-plated
Type of mounting	Front mounting
Nominal voltage	60 V
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Cable gland	PG 9
Basic material	PVC

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Technical data

Rated voltage	250 V (4-pole) / 60 V (5-pole) / 30 V (8-pole)		
Rated current	4 A (4- and 5-pole) / 2 A (8-pole)		
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)		
Connection 1	M12		
Connection 2	Flying wires		
Strand / cable length	0.5 m		
Mounting thread	PG 9		
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		

Wiring diagram



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 PG9-MS	Version	
Order No.	1694080000	SKMU MS (brass locknut), Locknut, PG 9, 2.8 mm, Brass, nickel-plated	
GTIN (EAN)	4008190872243		
Qty.	100 ST		