

SAIE-M12B-5-0.5U-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: 5, Strand / cable length: 0.5 m, Front mounting
Order No.	1836910000
Type	SAIE-M12B-5-0.5U-M16
GTIN (EAN)	4032248344901
Qty.	1 items

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Technical data

Approvals

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

Dimensions and weights

Net weight	30 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	4060c755-8d0b-4d43-bdb3-4ffabe9d7497

Technical specifications for cable

PE function	No	Core cross-section	0.34 mm ²
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	Zinc diecast
Nominal voltage	60 V	Nominal current	4 A
Protection degree	IP67, when screwed in	Plugging cycles	≥ 100
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	Zinc diecast
Type of mounting	Front mounting
Nominal voltage	60 V
Nominal current	4 A
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Basic material	PVC
Rated voltage	250 V (4-pole) / 125 V (5-pole) / 60 V (8-pole)
Connection 1	M12

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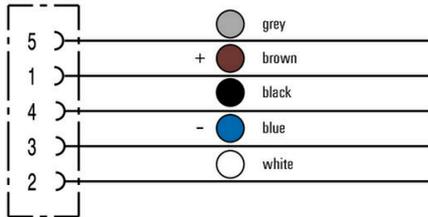
Technical data

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.	-

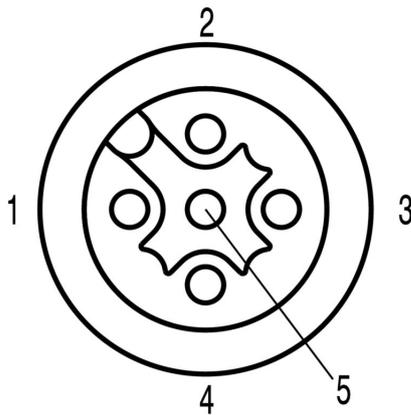
Classifications

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		

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