Data sheet

SAIE-M12B-5-2.0V-HW-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, Female socket, straight, Mounting thread: PG 9, Number of poles: 5, Strand / cable length: 2 m, Rear panel mounting
Order No.	1233320000
Type	SAIE-M12B-5-2.0V-HW-PG9
GTIN (EAN)	4050118016765
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	76 g

Environmental Product Compliance

RoHS Compliance Status	Compliant
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

Technical specifications for cable

Cable length	2 m	Core cross-section	0.34 mm²
Strand / cable length	2 m	Sheath material	PVC
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	Type of connection	Socket connector
Housing main material	Zinc diecast	Insulation resistance	108 Ω
Contact material	CuSn	Nominal voltage	60 V
Nominal current	4 A	Protection degree	IP67, when screwed in
Pollution severity	3	Temperature range of housing	-30...+90 °C

Standards

Connector standard	IEC 61076-2-101

General data

Number of poles	5
Cable length	2 m
Coding	A-coded
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.34 mm²
Type of connection	Socket connector
Housing main material	Zinc diecast
Insulation resistance	108 Ω
Contact material	CuSn
Type of mounting	Rear panel mounting
Nominal voltage	60 V
Nominal current	4 A
AF size	19 mm
Protection degree	IP67, when screwed in

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Technical data

Pollution severity	3	
Connection 1	M12	
Connection 2	Flying wires	
Strand / cable length	2 m	
Sheath material	PVC	
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		

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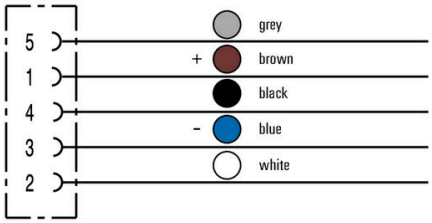
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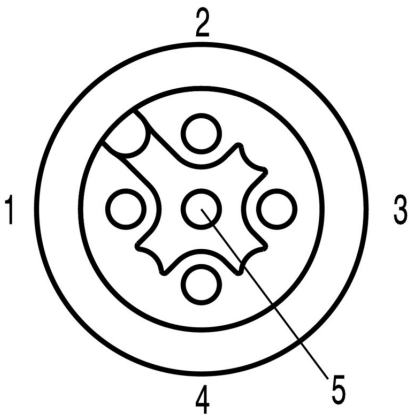
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Drawings

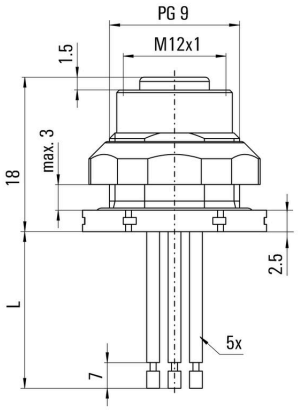
Wiring diagram



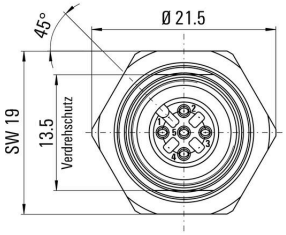
Pole scheme



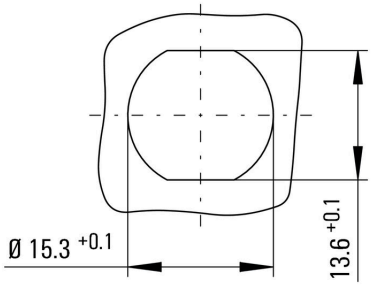
Dimensioned drawing



Dimensioned drawing



Detailed drawing



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