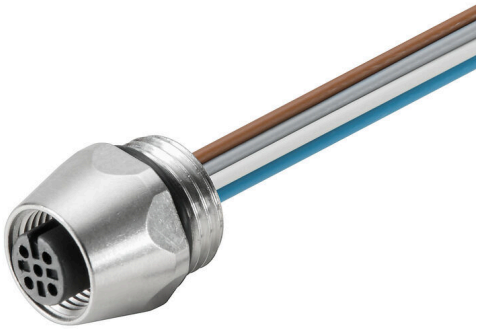
Data sheet

SAIE-M12B-8-0.5U-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, Female socket, straight, Mounting thread: PG 9, Number of poles: 8, Strand / cable length: 0.5 m, Front mounting
Order No.	1861270000
Type	SAIE-M12B-8-0.5U-PG9
GTIN (EAN)	4032248419340
Qty.	1 items

Data sheet

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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	33 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	0.25 mm²
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)	Strand / cable length	0.5 m
Colour coding	white, brown, green, yellow, grey, pink, blue, red	Number of poles	8

Technical data customisable plug-in connectors

Number of poles	8	Coding	A-coded
Contact surface	Gold-plated	Housing main material	Zinc diecast
Nominal voltage	30 V	Nominal current	2 A
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

General data

Number of poles	8
Coding	A-coded
Connection thread	M12
Contact surface	Gold-plated
Tightening torque	1 Nm
Core cross-section	0.25 mm²
Housing main material	Zinc diecast
Type of mounting	Front mounting
Nominal voltage	30 V
Nominal current	2 A
Protection degree	IP67, when screwed in
Plugging cycles	≥ 100
Cable gland	PG 9

Data sheet

SAIE-M12B-8-0.5U-PG9

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Technical data

Basic material	PVC	
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		

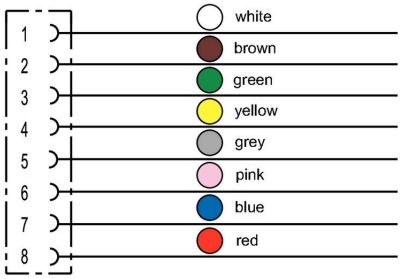
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Drawings

Wiring diagram



Pole scheme

