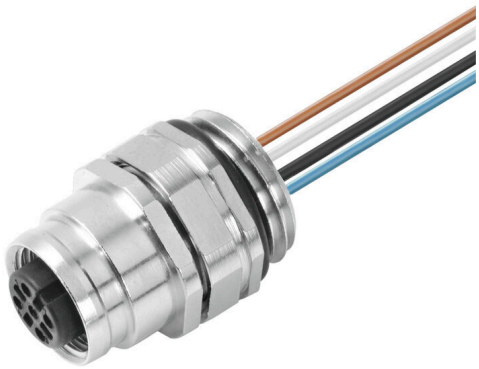
Data sheet

SAIE-M12B-8-0.5U-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, Female socket, straight, Mounting thread: M 16 x 1.5, Number of poles: 8, Strand / cable length: 0.5 m, Front mounting
Order No.	1861210000
Type	SAIE-M12B-8-0.5U-FP-M16
GTIN (EAN)	4032248419289
Qty.	1 items

SAIE-M12B-8-0.5U-FP-M16

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

Approvals

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

Dimensions and weights

Net weight	35 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)/ 0.14 (12-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
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	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
Basic material	PVC
Rated voltage	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)

SAIE-M12B-8-0.5U-FP-M16

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Technical data

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		

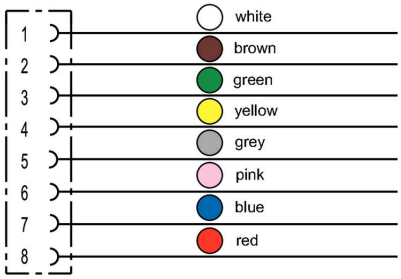
SAIE-M12B-8-0.5U-FP-M16

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com

Drawings

Wiring diagram



Pole scheme

