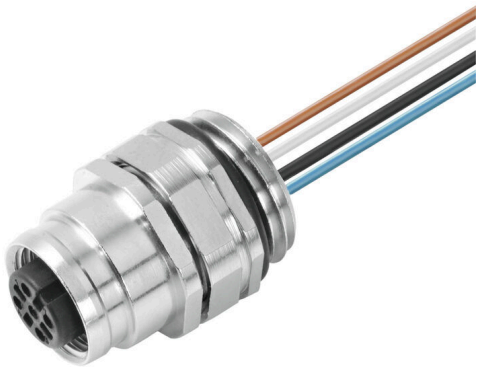
Data sheet

SAIE-M12B-5-1.0U-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: 5, Strand / cable length: 1 m, Front mounting
Order No.	1963550000
Type	SAIE-M12B-5-1.0U-FP-M16
GTIN (EAN)	4032248645640
Qty.	1 items

Data sheet

SAIE-M12B-5-1.0U-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	38 g

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 mm²
Wire cross section (Print/Online)	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)	Strand / cable length	1 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	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)

Standards

Connector standard	IEC 61076-2-101

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 mm²
Housing main material	Zinc diecast
Type of mounting	Front mounting
Nominal voltage	60 V
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)
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)

SAIE-M12B-5-1.0U-FP-M16

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

www.weidmueller.com

Technical data

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	1 m	
Mounting thread	M 16 x 1.5	
Mounting torque range	2 Nm	
Mounting torque	max.	2 Nm
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-5-1.0U-FP-M16

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

www.weidmueller.com

Drawings

Pole scheme

