

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, M 16, Number of poles: 8, Front mounting
Order No.	1861210000
Type	SAIE-M12B-8-0.5U-FP-M16
GTIN (EAN)	4032248419289
Qty.	1 pc(s).

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

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Dimensions and weights

Net weight	35 g
------------	------

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
------------	----------------

Technical data customisable plug-in connectors

Cable glands	M 16	Coding	A
Contact surface	Gold-plated	Housing main material	Zinc diecast
Number of poles	8	Plugging cycles	≥ 100
Protection degree	IP67, when screwed in	Rated current	2 A
Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)	Rated voltage	30 V
Rated voltage (text)	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)	Temperature range of housing	-30...+90 °C

Standards

Connector standard	IEC 61076-2-101
--------------------	-----------------

General data

Cable glands	M 16	Coding	A
Conductor O.D.	-	Connection thread	M12
Contact surface	Gold-plated	Core cross-section	0.25 mm ²
Housing main material	Zinc diecast	Material	PVC
Mounting thread	M 16	Number of poles	8
Plugging cycles	≥ 100	Protection degree	IP67, when screwed in
Rated current	2 A	Rated current	4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)
Rated voltage	30 V	Rated voltage (text)	250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole)
Strand / cable length	0.5 m	Temperature range of housing	-30...+90 °C
Type of mounting	Front mounting	Wire cross section	0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole)

Classifications

ETIM 6.0	EC002635	ETIM 7.0	EC003570
ECLASS 9.0	27-44-01-03	ECLASS 9.1	27-44-01-03
ECLASS 10.0	27-44-01-03	ECLASS 11.0	27-44-01-03

Approvals

Approvals



ROHS	Conform
UL File Number Search	E307231

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

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Technical data

Downloads

Engineering Data

[STEP](#)

Engineering Data

[WSCAD](#)

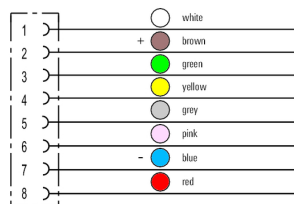
SAIE-M12B-8-0.5U-FP-M16

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

www.weidmueller.com

Drawings

Wiring diagram



Pole scheme

