

SAIE-M12S-8-H12TL-M16

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Similar to illustration





Weidmüller is one of the industry's leading international providers of connectors. An important mainstay in this product family are the circular connectors, which Weidmüller groups under the product name SAI. In the development of SAI products, Weidmüller engineers have always concentrated on achieving rational, cost-effective installation concepts, and – in cooperation with major users – have supplied the markets with well-conceived products which set standards in terms of functionality and quality across the globe. The best examples are the new power distributors with S and T coded M12. These modules are characterised by particularly high currents and voltages. This enables them to also be used, for example, with three-phase motors.

General ordering data

Туре	SAIE-M12S-8-H12TL-M16	
Order No.	<u>2421890000</u>	
Version	Built-in plugs, M12, M 16, Number of poles: 8,	
	Rear panel mounting	
GTIN (EAN)	4050118430615	
Qty.	10 pc(s).	



SAIE-M12S-8-H12TL-M16

Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold

Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

Technical data

D	im	ensions	and	weights
_		CHISTOTIS	ullu	wongiita

Net weight	20 g

Environmental Product Compliance

REACH SVHC Lead 7439-92-1

Technical data of PCB plug-in connector

Coding	Α	Housings	M12 pin
Mounting height	12 mm	Mounting thread	M16
Number of poles	8	Shield connection	No
Type of mounting	Rear panel mounting	Rated voltage	30 V
Rated voltage (text)	250 V (4-pole) / 60 V (5- pole) / 30 V (8-pole)	Rated current	2 A
Rated current	4 A (4- and 5-pole) / 2 A (8-pole)	Temperature range	-3080 °C
Protection degree	IP67	Contact surface	Au (Gold)
Housing main material	CuZn, nickel-plated	Connection thread	M12
Tightening torque	M12: 0.8 Nm	Mounting thread	M16
Mounting torque range	1.2 Nm	Insulation strength	100 ΜΩ
Pollution severity	3 (2 within the sealed area)	Plugging cycles	≥ 100
Contact material	CuZn	Lock nut material	Nickel-plated CuZn

Material data

Contact material	CuZn	Contact surface	Au (Gold)

System parameters

Insulation strength	100 ΜΩ	Number of poles	8
Pin series quantity	1	Plugging cycles	≥ 100
Protection degree	IP67		

Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC002638
eClass 9.0	27-44-03-09	eClass 9.1	27-44-03-09
eClass 10.0	27-44-03-09		

Approvals

ROHS	Conform	

Downloads

Brochure/Catalogue	FL FIELDWIRING EN	



SAIE-M12S-8-H12TL-M16

Weidmüller Interface GmbH & Co. KG

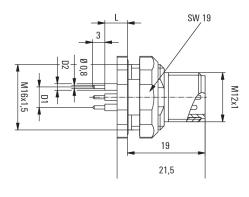
Klingenbergstraße 26 D-32758 Detmold

Germany

Fon: +49 5231 14-0 Fax: +49 5231 14-292083 www.weidmueller.com

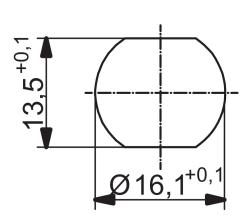
Drawings

Dimensioned drawing

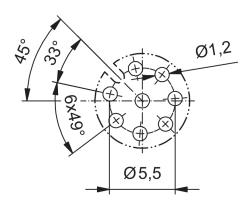


L (board-to-board distance) = 12mm

Front panel section D1 = 5,5 mm



PCB design



Pole scheme

