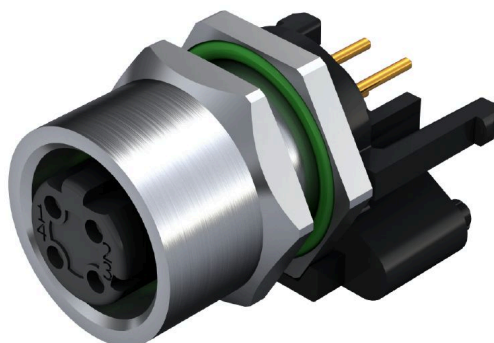


**SAIE-M12B-8S-H10TL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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**

Version	Built-in plugs, M12, Mounting thread: M 12, Number of poles: 8, Strand / cable length:
Order No.	<a href="#">2421850000</a>
Type	SAIE-M12B-8S-H10TL
GTIN (EAN)	4050118430547
Qty.	10 items

## SAIE-M12B-8S-H10TL

Weidmüller Interface GmbH &amp; Co. KG

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

## Technical data

## Approvals

ROHS	Conform
------	---------

## Dimensions and weights

Net weight	12.4 g
------------	--------

## Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	0ea6d931-f9e9-40a6-89d9-8d67103189d3

## Technical data of PCB plug-in connector

Number of poles	8	Coding	A-coded
Type of mounting	Rear panel mounting	Housings	M12 socket
Installation height	10 mm	Shield connection	Yes
Mounting thread	M12	Nominal voltage	30 V
Nominal current	2 A	Temperature range	-30...80 °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	M 12
Insulation resistance	100 MΩ	Pollution severity	3 (2 within the sealed area)
Plugging cycles	≥ 100	Contact material	Cu-alloy
Lock nut material	Nickel-plated CuZn	Material of the flange-mounted housing	Nickel-plated CuZn

## General Info

Number of poles	8	Housing main material	CuZn, nickel-plated
Connection thread	M12	Contact material	Cu-alloy
Contact surface	Au (Gold)	Type of mounting	Rear panel mounting
Protection degree	IP67	Plugging cycles	≥ 100

## Material data

Contact material	Cu-alloy	Contact surface	Au (Gold)
------------------	----------	-----------------	-----------

## System parameters

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

## Important note

Notes

## Classifications

ETIM 6.0	EC002638	ETIM 7.0	EC003568
ETIM 8.0	EC003568	ETIM 9.0	EC003568
ETIM 10.0	EC003568	ECLASS 9.0	27-44-03-09
ECLASS 9.1	27-44-03-09	ECLASS 10.0	27-44-03-09

## SAIE-M12B-8S-H10TL

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

ECLASS 11.0	27-44-01-10	ECLASS 12.0	27-44-01-10
ECLASS 13.0	27-44-01-10	ECLASS 14.0	27-44-01-10
ECLASS 15.0	27-44-01-10		

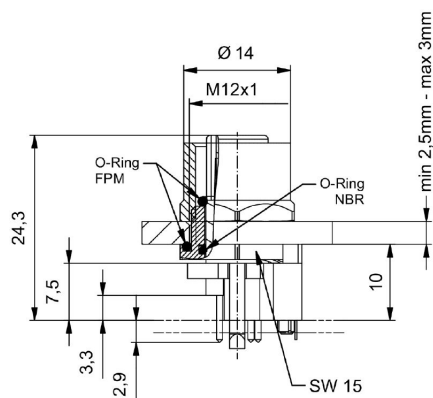
## SAIE-M12B-8S-H10TL

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

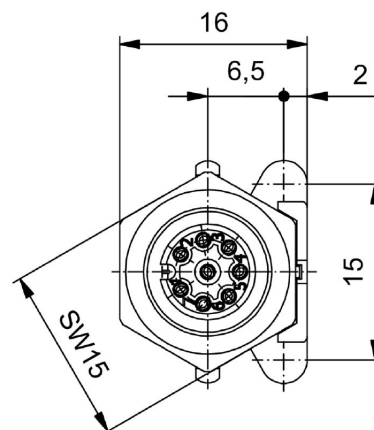
[www.weidmueller.com](http://www.weidmueller.com)

## Drawings

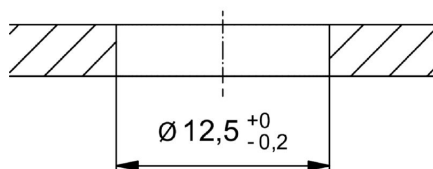
### Dimensioned drawing



### PCB design



### Front panel section



### Pole scheme

