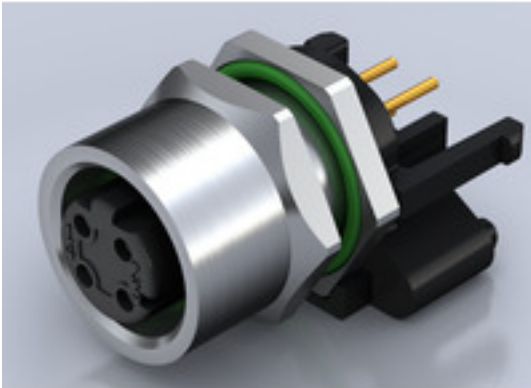


**SAIE-M12B-8S-H10TL****Weidmüller Interface GmbH & Co. KG**

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 pc(s).

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

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

**Technical data****Dimensions and weights**

Net weight	18.2 g
------------	--------

**Technical data of PCB plug-in connector**

Coding	A-coded	Housings	M12 socket
Mounting height	10 mm	Mounting thread	M12
Number of poles	8	Shield connection	Yes
Type of mounting	Rear panel mounting	Rated voltage	30 V
Rated 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 strength	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**

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

**Classifications**

ETIM 6.0	EC002638	ETIM 7.0	EC003568
ETIM 8.0	EC003568	ETIM 9.0	EC003568
ECLASS 9.0	27-44-03-09	ECLASS 9.1	27-44-03-09
ECLASS 10.0	27-44-03-09	ECLASS 11.0	27-44-01-10
ECLASS 12.0	27-44-01-10	ECLASS 13.0	27-44-01-10

**Environmental Product Compliance**

REACH SVHC	Lead 7439-92-1
SCIP	Oea6d931-f9e9-40a6-89d9-8d67103189d3
RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c

**Approvals**

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

### SAIE-M12B-8S-H10TL

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

## Technical data

### Downloads

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

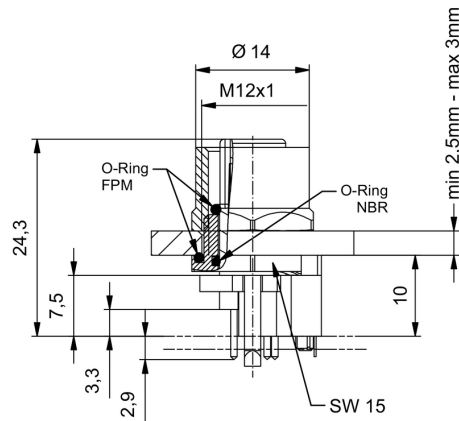
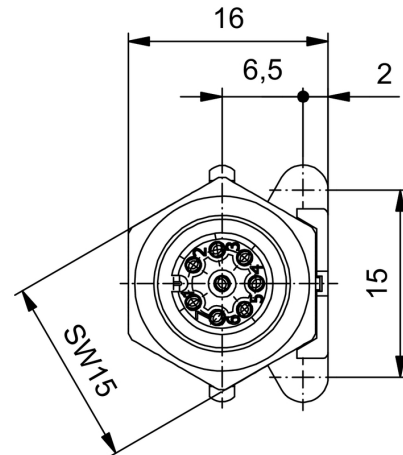
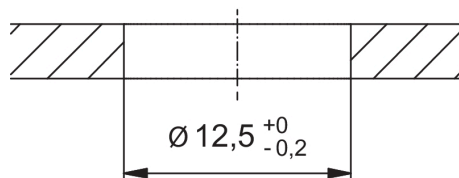
[FL FIELDWIRING EN](#)

**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**
