

**SAIEW-M8S-3S-H8TL****Weidmüller Interface GmbH & Co. KG**

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**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**

Type	SAIEW-M8S-3S-H8TL
Order No.	<a href="#">2424300000</a>
Version	Built-in plugs, M8, Number of poles: 3, Rear panel mounting
GTIN (EAN)	4050118430721
Qty.	10 pc(s).

Creation date May 2, 2020 5:50:35 PM CEST

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

Net weight 12.1 g

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

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

Coding	M8 = none	Housings	M8 pin
Mounting height	8 mm	Mounting thread	Pin: M8 / Socket: M12
Number of poles	3	Shield connection	Yes
Type of mounting	Rear panel mounting	Rated voltage	60 V
Rated voltage (text)	60 V (3-pole) / 30 V (4-pole)	Rated current	4 A
Rated current	4 A	Temperature range	-30...80 °C
Protection degree	IP67	Contact surface	Au (Gold)
Housing main material	CuZn, nickel-plated	Connection thread	M8
Tightening torque	M8: 0.5 Nm	Mounting thread	M8
Mounting torque range	0.8 Nm	Insulation strength	100 MΩ
Pollution severity	3 (2 within the sealed area)	Plugging cycles	≥ 100
Contact material	CuZn	Seal material	NBR
Lock nut material	Nickel-plated CuZn	Material of the flange-mounted housing	Nickel-plated CuZn
Grouting material	PUR		

**Material data**

Contact material CuZn Contact surface Au (Gold)

**System parameters**

Insulation strength	100 MΩ	Number of poles	3
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

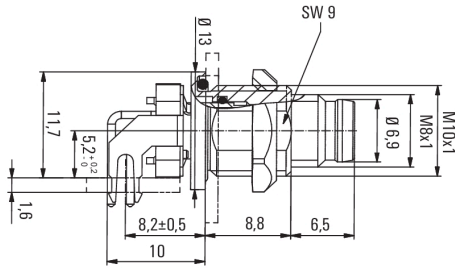
**Downloads**Brochure/Catalogue [FL FIELDWIRING EN](#)

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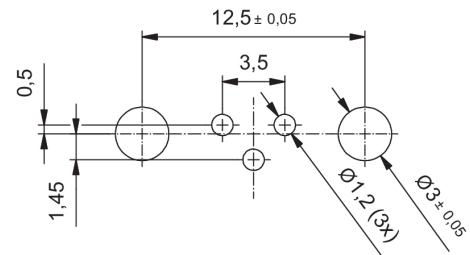
**Drawings**

**Dimensioned drawing**

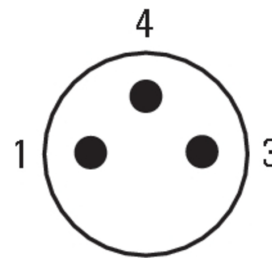


L(board-to-board distance) = 8mm

**PCB design**



**Pole scheme**



M8 = none