

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

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, M8, Mounting thread: M10, Number
	of poles: 4, Strand / cable length:
Order No.	2423100000
Туре	SAIE-M8S-4-F13THR
GTIN (EAN)	4050118430004
Qty.	25 items

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# **Technical data**

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ROHS Conform

#### **Dimensions and weights**

Net weight 7.2 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	4
Coding	M8 = none
Type of mounting	Front mounting
Housings	M8 pin
Installation height	13 mm
Housing surface	nickel-plated
Shield connection	No
Mounting thread	M10
Nominal voltage	30 V
Rated voltage	60 V (3-pole) / 30 V (4-,5- and 8-pole)
Nominal current	4 A
Rated current	4 A
Temperature range	-3080 °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	M10
Mounting torque range	0.8 Nm
Mounting torque	max. 0.8 Nm
Mounting onto the PCB	THT/THR solder connection
Insulation resistance	100 ΜΩ
Pollution severity	3 (2 within the sealed area)
Plugging cycles	≥ 100
Contact material	Cu-alloy
Seal material	NBR
Lock nut material	Nickel-plated CuZn
Material of the flange-mounted housing	Nickel-plated CuZn
Grouting material	PUR

#### **General Info**

Number of poles	4	Housing main material	CuZn, nickel-plated
Connection thread	M8	Contact material	Cu-alloy
Contact surface	Au (Gold)	Type of mounting	Front mounting
Protection degree	IP67	Plugging cycles	≥ 100

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Catalogue status / Drawings 2





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# **Technical data**

Material data			
Contact material	Cu-alloy	Contact surface	Au (Gold)
System parameters			
Mounting onto the PCB	THT/THR solder connection	Number of poles	4
Pin series quantity	1	Insulation resistance	100 ΜΩ
Protection degree	IP67	Plugging cycles	≥ 100
Important note			
Notes  Classifications			
Notes			
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Notes  Classifications  ETIM 6.0	EC002638 EC003568	ETIM 7.0 ETIM 9.0	EC003568 EC003568
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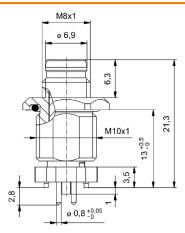
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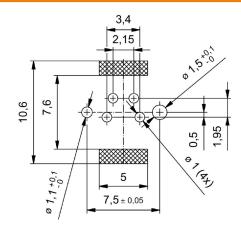
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# **Drawings**

## **Dimensioned drawing**



## **PCB** design



#### Pole scheme

