

#### 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: , Number of poles: 8, Strand / cable length:	
Order No.	<u>2422170000</u>	
Туре	SAID-M8S-8S-SMT	
GTIN (EAN)	4050118429794	
Qty.	25 items	

1





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EC003557

EC003557

2

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# Technical data

Approvals				
ROHS	Conform			
Dimensions and weights				
billiensions and weights				
Net weight	3.12 g			
Environmental Product Comp	liance			
RoHS Compliance Status	Compliant with exemption			
RoHS Exemption (if applicable/known)	6c			
REACH SVHC	Lead 7439-92-1			
SCIP	Oea6d931-f9e9-40a6-89d9-8d67103189d3			
Technical data of PCB plug-in	connector			
Number of poles	8	Coding	M8 = none	
Housings	M8 pin	Shield connection	Yes	
Nominal voltage	30 V	Rated voltage	60 V (3-pole) / 30 V (4-, and 8-pole)	
Nominal current	1.5 A	Rated current	4 A (3-, 4- and 5-pole) / 1.5 A (8-pole)	
Temperature range	-2595 °C	Protection degree	IP67	
Contact surface	Au (Gold)	Housing main material	LCP	
Connection thread	M8	Tightening torque	M8: 0.5 Nm	
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				
		LII. O.A. (I	V 0	
Number of poles	8 LCP	UL 94 flammability rating	V-0 M8	
Housing main material  Contact material		Connection thread		
Contact material Protection degree	Cu-alloy IP67	Contact surface	Au (Gold) ≥ 100	
	1F07	Plugging cycles	2 100	
Material data				
UL 94 flammability rating	V-0	Contact material	Cu-alloy	
Contact surface	Au (Gold)			
System parameters			,	
Number of poles	8	Pin series quantity	1	
Protection degree	IP67	Plugging cycles	≥ 100	
Important note				
Notes				

Creation date 30.11.2025 02:51:19 MEZ

ETIM 6.0

ETIM 8.0

Catalogue status / Drawings

ETIM 7.0

ETIM 9.0

EC000438

EC003557





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3

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# **Technical data**

ETIM 10.0	EC003557	ECLASS 9.1	27-44-02-05
ECLASS 10.0	27-44-02-23	ECLASS 11.0	27-44-02-23
ECLASS 12.0	27-44-02-23	ECLASS 13.0	27-44-02-23
ECLASS 14.0	27-44-02-23	ECLASS 15.0	27-44-02-23

Catalogue status / Drawings



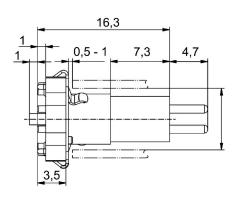
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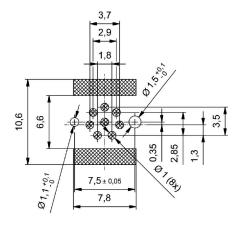
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# **Drawings**

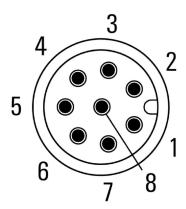
### **Dimensioned drawing**



### **PCB** design



### Pole scheme



M8 = none