

#### Weidmüller Interface GmbH & Co. KG

Klingenbergstraße 26 D-32758 Detmold Germany

www.weidmueller.com





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: , Number of poles: 4, Strand / cable length:		
Order No.	<u>2424310000</u>		
Туре	SAIE-M12S-4B-FV-20-LK		
GTIN (EAN)	4050118432299		
Qty.	10 items		

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# **Technical data**

Approvals					
ROHS	Conform				
Dimensions and weights			,		
Net weight	18.7 g				
Environmental Product Comp	liance				
RoHS Compliance Status	Campuliant with avanuati				
RoHS Exemption (if applicable/known)	Compliant with exemption  6c				
REACH SVHC	Lead 7439-92-1				
SCIP	Oea6d931-f9e9-40a6-89d9-8d67103189d3				
Technical data of PCB plug-in	connector				
Number of poles	<u>4</u>	Coding	B-coded		
Type of mounting	Front mounting	Housings	M12 pin		
Housing surface	nickel-plated	Shield connection	No 250 V (4 mala) ( 60 V (5		
Nominal voltage	250 V	Rated voltage	250 V (4-pole) / 60 V (5 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	M12	Tightening torque	M12: 0.8 Nm		
nsulation resistance	100 ΜΩ	Pollution severity	3 (2 within the sealed area)		
Plugging cycles	≥ 100	Contact material	Cu-alloy		
ock nut material	Nickel-plated CuZn	Material of the flange-mounted housing	Nickel-plated CuZn		
General Info	,				
Number of poles	4	Housing main material	CuZn, nickel-plated		
Connection thread	M12	Contact material	Cu-alloy		
Contact surface	Au (Gold)	Type of mounting	Front mounting		
Protection degree	IP67	Plugging cycles	≥ 100		
Material data					
Contact material	Cu-alloy	Contact surface	Au (Gold)		
System parameters					
	4		4		
Number of poles	4	Pin series quantity	1		
nsulation resistance Plugging cycles	100 MΩ ≥ 100	Protection degree	IP67		
	_ 100				
Important note					
Notes					
Classifications					
ETIM 6.0	EC002635	ETIM 7.0	EC003569		

Creation date 30.11.2025 12:12:49 MEZ

Catalogue status / Drawings 2





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ETIM 10.0	EC003569	ECLASS 9.0	27-44-01-03
ECLASS 9.1	27-44-01-03	ECLASS 10.0	27-44-01-09
ECLASS 11.0	27-44-01-09	ECLASS 12.0	27-44-01-09
ECLASS 13.0	27-44-01-09	ECLASS 14.0	27-44-01-09
ECLASS 15.0	27-44-01-09		

Catalogue status / Drawings



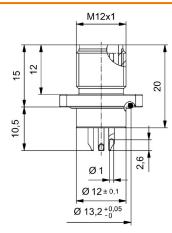
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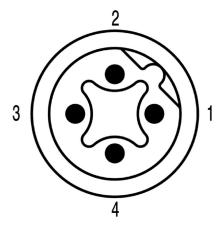
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# **Drawings**

## **Dimensioned drawing**



### Pole scheme



### **Installation cut-out**

