SAIE-M12S-5-F10TL

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Similar to illustration



Weidmüller is now 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	SAIE-M12S-5-F10TL
Order No.	2422640000
Version	Built-in plugs, M12, M 12, No. of poles: 5
GTIN (EAN)	4050118431056
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	13.8 g

Technical data of PCB plug-in connector

Coding	A	Housing surface	nickel-plated
Housings	M12 pin	Mounting height	10 mm
Mounting thread	M12	No. of poles	5
Shield connection	No	Type of mounting	Front mounting
Rated voltage	60 V	Rated voltage (text)	250 V (4-pole) / 60 V (5-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	M12	Tightening torque	M12: 0.8 Nm
Mounting torque range	1.2 Nm	Insulation resistance	100 MΩ
Pollution severity	3 (2 within the sealed area)	Plugging cycles	≥ 100
Contact material	CuZn	Lock nut material	Nickel-plated CuZn
Material of the flange-mounted housing	Nickel-plated CuZn		

Material data

Contact material	CuZn	Contact surface	Au (Gold)

System parameters

Insulation resistance	100 MΩ	No. of poles	5
Pin series quantity	1	Plugging cycles	≥ 100
Protection degree	IP67		

Classifications

ETIM 6.0	EC002638	eClass 6.2	27-26-07-02
eClass 9.1	27-44-03-09		

Approvals

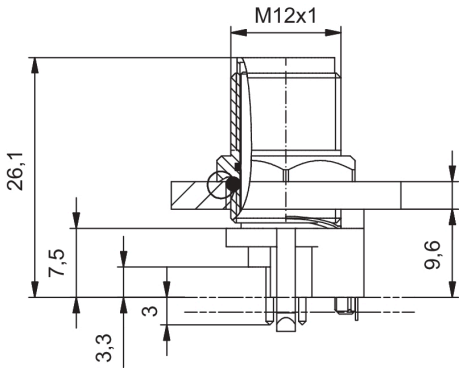
ROHS	Conform

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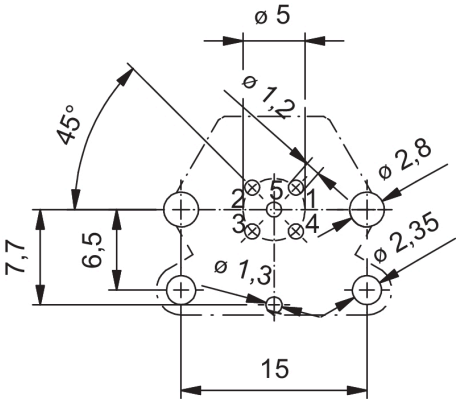
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Drawings

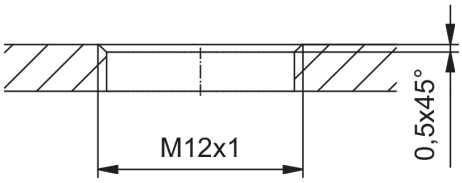
Dimensioned drawing



PCB design



Front panel section



Pole scheme

