SAIEW-M12BB-4-FTL

Weidmüller Interface GmbH & Co. KG
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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-M12BB-4-FTL
Order No.	2424260000
Version	Built-in plugs, M12, M 12, Number of poles: 4, Front mounting
GTIN (EAN)	4050118431315
Qty.	10 pc(s).

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Technical data

Dimensions and weights

Net weight	15.86 g

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1

Technical data of PCB plug-in connector

Coding	B	Housing surface	nickel-plated
Housings	M12 socket	Mounting thread	M12
Number of poles	4	Shield connection	Yes
Type of mounting	Front mounting	Rated voltage	250 V
Rated voltage (text)	250 V	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 thread	M 12
Mounting torque range	1.2 Nm	Mounting onto the PCB	Dip solder
Insulation strength	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

Mounting onto the PCB	Dip solder	Insulation strength	100 MΩ
Number of poles	4	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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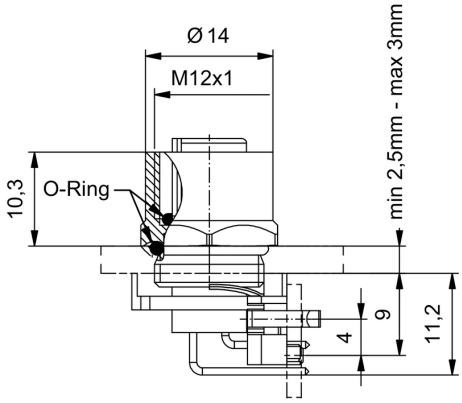
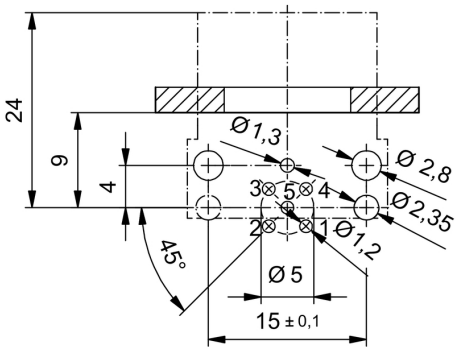
Drawings

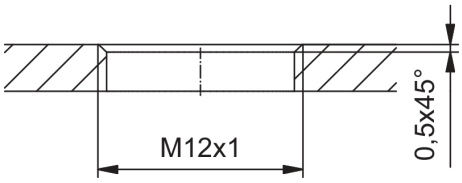
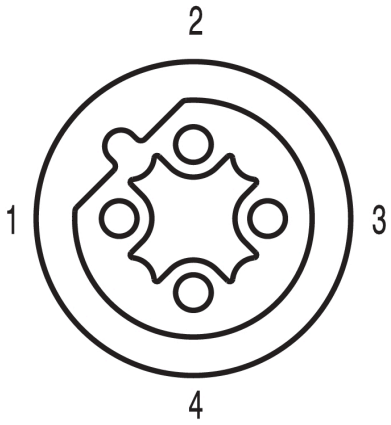
Dimensioned drawing



PCB design



Front panel section



Pole scheme