

**SAI-M12L-KBC-1.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

Version	Crimp contact, Socket connector
Order No.	<a href="#">2531010000</a>
Type	SAI-M12L-KBC-1.5
GTIN (EAN)	4050118541120
Qty.	50 Stück

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Katalogstand 12.05.2023 / Technische Änderungen vorbehalten

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## Technische Daten

### Dimensions and weights

Net weight 0.68 g

### Temperatures

Operating temperature, min. -40 °C      Operating temperature, max. 85 °C

### Technical data customisable plug-in connectors

Contact surface	Gold-plated	Plugging cycles	500
Pollution severity	3	Rated current	16 A
Rated voltage	63 V	Type of connection	Crimp connection

### General Info

Connection 1	M12 Contact	Connection 2	Crimp
Contact material	Cu	Contact surface	Gold-plated
Wire connection cross section, finely stranded, min.	1.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	1.5 mm <sup>2</sup>
Plugging cycles	500		

### Standards

Connector standard IEC 61076-2-111

### Classifications

ETIM 6.0	EC000796	ETIM 7.0	EC000796
ETIM 8.0	EC000796	ECLASS 9.0	27-44-02-92
ECLASS 9.1	27-44-02-90	ECLASS 10.0	27-44-02-92
ECLASS 11.0	27-44-02-92	ECLASS 12.0	27-44-02-92

### Environmental Product Compliance

REACH SVHC Lead 7439-92-1  
 SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

### Approvals

ROHS Conform

### Downloads

Engineering Data [CAD data – STEP](#)  
 Catalogues [Catalogues in PDF-format](#)