

**SAI-M12L-KSC-2.5****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
Order No.	<a href="#">2530950000</a>
Type	SAI-M12L-KSC-2.5
GTIN (EAN)	4050118541069
Qty.	50 items

## SAI-M12L-KSC-2.5

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

### Approvals

ROHS	Conform
------	---------

### Dimensions and weights

Length	23.2 mm	Length (inches)	0.9134 inch
Net weight	0.56 g		

### Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	6c
REACH SVHC	Lead 7439-92-1
SCIP	ebf89fc8-a87f-4691-b87a-dfb9921774b4

### Technical data customisable plug-in connectors

Contact surface	Gold-plated	Type of connection	Crimp connection
Contact material	Cu	Nominal voltage	63 V
Nominal current	16 A	Plugging cycles	500
Pollution severity	3	Gender of contact	Male

### General Info

Connection 1	M12 Contact	Connection 2	Crimp
Contact material	Cu	Contact surface	Gold-plated
Wire connection cross section, finely stranded, min.	2.5 mm <sup>2</sup>	Wire connection cross section, finely stranded, max.	2.5 mm <sup>2</sup>
Wire cross-section, solid, min.	2.5 mm <sup>2</sup>	Wire cross-section, solid, max.	2.5 mm <sup>2</sup>
Plugging cycles	500		

### Standards

Connector standard	IEC 61076-2-111
--------------------	-----------------

### Classifications

ETIM 8.0	EC000796	ETIM 9.0	EC000796
ETIM 10.0	EC000796	ECLASS 14.0	27-44-02-92
ECLASS 15.0	27-44-02-92		

**Dimensioned drawing**



Pin

## SAI-M12L-KSC-2.5

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

[www.weidmueller.com](http://www.weidmueller.com)

## Accessories

### Crimping tools



Crimping tools for turned contacts

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation
- With stop for exact positioning of the contacts.

### General ordering data

Type	CTX CM 1.6/2.5	Version	
Order No.	<a href="#">9018490000</a>	Pressing tool, Crimping tool for contacts, 0.14mm <sup>2</sup> , 4mm <sup>2</sup> , W crimp	
GTIN (EAN)	4008190884598		
Qty.	1 ST		