

**SAI-M12L-KSC-2.5FE****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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="#">2525660000</a> |
| Type       | SAI-M12L-KSC-2.5FE         |
| GTIN (EAN) | 4050118537017              |
| Qty.       | 50 items                   |

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## Technical data

## Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Length     | 24.8 mm | Length (inches) | 0.9764 inch |
| Net weight | 0.6 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

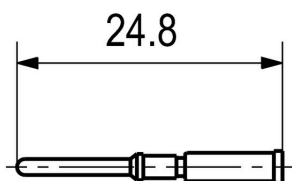
|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-111 |
|--------------------|-----------------|

## 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 |             |             |

## Drawings

### Dimensioned drawing



Pin

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[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                       |                                                                                             |  |