

## SAI-M23-KSC-1.5-0.14-1

**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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



The M23 round plug-in connectors offer a high number of mating cycles, high current-carrying capacity and high contact-density coupled with minimum dimensions. Enclosures, inserts and crimp contacts need to be ordered separately.

### General ordering data

|            |  |
|------------|--|
| Version    | Sensor/Actuator plug-in connector, Crimp contact |
| Order No.  | <a href="#">1170220000</a>                       |
| Type       | SAI-M23-KSC-1.5-0.14-1                           |
| GTIN (EAN) | 4032248962204                                    |
| Qty.       | 50 pc(s).  |

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight 0.3 g

## Temperatures

Operating temperature, min. -40 °C Operating temperature, max. 125 °C

## Technical data customisable plug-in connectors

|                               |                   |                               |                      |
|-------------------------------|-------------------|-------------------------------|----------------------|
| Conductor cross-section, max. | 1 mm <sup>2</sup> | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
| Contact surface               | Gold-plated       | Insulation strength           | > 10 <sup>10</sup> Ω |
| Plugging cycles               | > 1000            | Type of connection            | Crimp connection     |

## 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

Approvals



|                       |            |
|-----------------------|------------|
| ROHS                  | Conform    |
| UL File Number Search | UL Website |
| Certificate No. (UR)  | E344862    |

## Downloads

|                  |  |
|------------------|--|
| Engineering Data | <a href="#">CAD data – STEP</a>  |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

**Data sheet**

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**Drawings**

**Drawing**

