

**SAI-M23-KSC-0.08/0.56****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="#">1170140000</a>                              |
| Type            | SAI-M23-KSC-0.08/0.56                                   |
| GTIN (EAN)      | 4032248962235                                           |
| Qty.            | 50 items                                                |
| Delivery status | This article will no longer be available in the future. |
| Last order date | 2026-12-31T00:00:00+01:00                               |

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## Technical data

## Approvals

Approvals



|                       |                            |
|-----------------------|----------------------------|
| ROHS                  | Conform                    |
| UL File Number Search | <a href="#">UL Website</a> |
| Certificate No. (UR)  | E344862                    |

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Length     | 16.5 mm | Length (inches) | 0.6496 inch |
| Net weight | 0.26 g  |                 |             |

## Environmental Product Compliance

|                        |                                      |
|------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant                            |
| REACH SVHC             | Lead 7439-92-1                       |
| SCIP                   | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

## Settings re. SAI M23 crimping tool

|                                          |                                                     |                             |                      |  |
|------------------------------------------|-----------------------------------------------------|-----------------------------|----------------------|--|
| Settings regarding SAI M23 crimping tool | Crimping Tool                                       | 2                           |                      |  |
|                                          | Locator position                                    | 1                           |                      |  |
|                                          | Crimp contact                                       | Crimp pin signal 1 mm       |                      |  |
|                                          | Crimping mandrel adjustment acc. to mm <sup>2</sup> | Wire cross-section          | 0.08 mm <sup>2</sup> |  |
|                                          |                                                     | Crimping mandrel adjustment | 0.72                 |  |
|                                          |                                                     | Wire cross-section          | 0.14 mm <sup>2</sup> |  |
|                                          |                                                     | Crimping mandrel adjustment | 0.78                 |  |
|                                          |                                                     | Wire cross-section          | 0.25 mm <sup>2</sup> |  |
|                                          |                                                     | Crimping mandrel adjustment | 0.82                 |  |
|                                          |                                                     | Wire cross-section          | 0.34 mm <sup>2</sup> |  |
|                                          |                                                     | Crimping mandrel adjustment | 0.86                 |  |
|                                          |                                                     | Wire cross-section          | 0.56 mm <sup>2</sup> |  |
| Crimping mandrel adjustment              |                                                     | 0.9                         |                      |  |

## Technical data customisable plug-in connectors

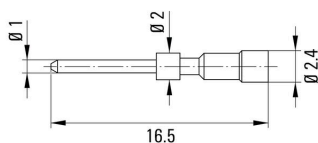
|                               |                      |                               |                      |
|-------------------------------|----------------------|-------------------------------|----------------------|
| Contact surface               | Gold-plated          | Type of connection            | Crimp connection     |
| Insulation resistance         | > 1010 Ω             | Contact material              | Copper-Zinc alloy    |
| Conductor cross-section, max. | 0.56 mm <sup>2</sup> | Conductor cross-section, min. | 0.08 mm <sup>2</sup> |
| Plugging cycles               | > 1000               | Gender of contact             | Male                 |

## 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

### Drawing



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**Accessories****...for M23**

Weidmüller offers a wide range of tools and accessories for sensor-actuator cabling.

**General ordering data**

|            |                            |                                                   |  |
|------------|----------------------------|---------------------------------------------------|--|
| Type       | SAI M23 CRIMPING TOOL 2    | Version                                           |  |
| Order No.  | <a href="#">1203960000</a> | Pressing tool for signal contacts, 4-indent crimp |  |
| GTIN (EAN) | 4050118000764              |                                                   |  |
| Qty.       | 1 ST                       |                                                   |  |