

**SAI-M23-KSC-0.08/0.56**

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

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   |

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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 |             |             |

Drawing

