

**SAI-M23-KS-7/12****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, Empty enclosure      |
| Order No.       | <a href="#">1169900000</a>                              |
| Type            | SAI-M23-KS-7/12                                         |
| GTIN (EAN)      | 4032248961948                                           |
| Qty.            | 1 items                                                 |
| Delivery status | This article will no longer be available in the future. |
| Last order date | 2026-12-31T00:00:00+01:00                               |

## Technical data

### Approvals

Approvals



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

### Dimensions and weights

|            |      |
|------------|------|
| Net weight | 74 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

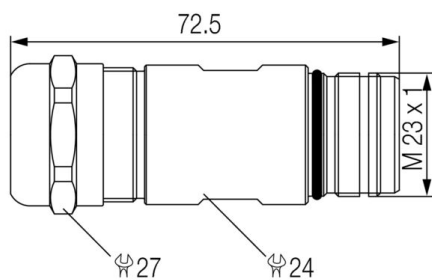
|                       |                   |                              |               |
|-----------------------|-------------------|------------------------------|---------------|
| Housing main material | Copper-zinc alloy | Cable diameter, max.         | 12 mm         |
| Cable diameter, min.  | 7 mm              | Protection degree            | IP67, IP69K   |
| Plugging cycles       | > 1000            | Pollution severity           | 3             |
| Shield connection     | Yes               | Temperature range of housing | -40...+125 °C |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC003556    | ETIM 9.0    | EC003556    |
| ETIM 10.0   | EC003556    | ECLASS 14.0 | 27-44-02-24 |
| ECLASS 15.0 | 27-44-02-24 |             |             |

## Drawings

### Dimensioned drawing



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## Accessories

## Inserts without contacts



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

|            |                            |                                           |
|------------|----------------------------|-------------------------------------------|
| Type       | SAI-M23-BE-12              | Version                                   |
| Order No.  | <a href="#">1995850000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248926145              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-BE-12-G            | Version                                   |
| Order No.  | <a href="#">1296730000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4050118094848              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-BE-16              | Version                                   |
| Order No.  | <a href="#">1170090000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962228              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-BE-17              | Version                                   |
| Order No.  | <a href="#">1170110000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962198              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-BE-19              | Version                                   |
| Order No.  | <a href="#">1170130000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962082              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-BE-6               | Version                                   |
| Order No.  | <a href="#">1170020000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962020              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-BE-7               | Version                                   |
| Order No.  | <a href="#">1170040000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962006              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-BE-9               | Version                                   |
| Order No.  | <a href="#">1170060000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962112              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-SE-12              | Version                                   |
| Order No.  | <a href="#">1170070000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962044              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-SE-16              | Version                                   |
| Order No.  | <a href="#">1170080000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962136              |                                           |
| Qty.       | 1 ST                       |                                           |

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**Accessories**

|            |                            |                                           |
|------------|----------------------------|-------------------------------------------|
| Type       | SAI-M23-SE-17              | Version                                   |
| Order No.  | <a href="#">1170100000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962181              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-SE-19              | Version                                   |
| Order No.  | <a href="#">1170120000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962068              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-SE-6               | Version                                   |
| Order No.  | <a href="#">1170000000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962037              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-SE-7               | Version                                   |
| Order No.  | <a href="#">1170030000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962143              |                                           |
| Qty.       | 1 ST                       |                                           |
| Type       | SAI-M23-SE-9               | Version                                   |
| Order No.  | <a href="#">1170050000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962167              |                                           |
| Qty.       | 1 ST                       |                                           |