

**SAI-M23-KSW-L-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="#">1170290000</a>                         |
| Type       | SAI-M23-KSW-L-7/12                                 |
| GTIN (EAN) | 4032248962242                                      |
| Qty.       | 1 pc(s).   |

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|            |       |
|------------|-------|
| Net weight | 134 g |
|------------|-------|

**Technical data customisable plug-in connectors**

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

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC003556    |
| ETIM 8.0    | EC003556    | ETIM 9.0    | EC003556    |
| ECLASS 9.1  | 27-44-02-02 | ECLASS 10.0 | 27-44-02-24 |
| ECLASS 11.0 | 27-44-02-24 | ECLASS 12.0 | 27-44-02-24 |
| ECLASS 13.0 | 27-44-02-24 |             |             |

**Environmental Product Compliance**

|            |  |
|------------|--|
| REACH SVHC | Lead 7439-92-1 6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1 |
| SCIP       | f34fc414-7303-481d-8a96-44b52af18999                                 |

**Approvals**

Approvals



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

**Downloads**

|            |  |
|------------|--|
| Catalogues | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures  | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

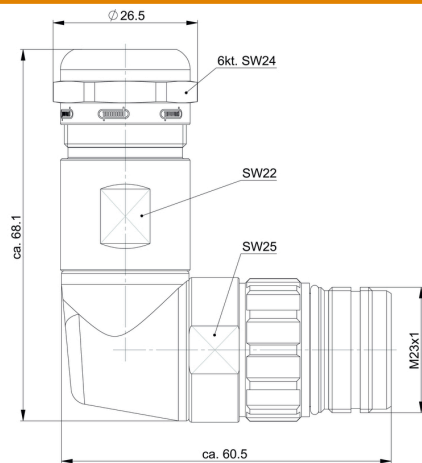
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# Drawings

## Dimensioned drawing



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**General ordering data**

|            |                            |   |
|------------|----------------------------|---|
| Type       | SAI-M23-SE-L-4/4           | Version                                   |
| Order No.  | <a href="#">1170380000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962518              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | SAI-M23-SE-L-6             | Version                                   |
| Order No.  | <a href="#">1170350000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962303              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | SAI-M23-BE-L-6             | Version                                   |
| Order No.  | <a href="#">1170370000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248962266              |   |
| Qty.       | 1 pc(s).                   |   |
| Type       | SAI-M23-BE-L-4/4           | Version                                   |
| Order No.  | <a href="#">1995810000</a> | Sensor/Actuator plug-in connector, Insert |
| GTIN (EAN) | 4032248925674              |   |
| Qty.       | 1 pc(s).                   |   |

# Cable connector

