

**SAISW-5/9-(KV)****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Individual cable lengths are often required nowadays. In order to meet these demands, Weidmüller offers a wide range of plug-in connectors for custom assembly.

Male plugs and female socket for customisable assembly for M8, M12, M16 and 7/8" connections which are highly robust and ideally suited to machine engineering, for instance. The M12 plug-in connectors offer a choice of 5 different connection systems.

The screw connection can be used in a wide range of applications. With this technology the conductor, optionally with wire-end ferrules, can be plugged into connection elements and secured with a screw. It is the classic, cheapest form of connection technology that also supports multi-conductor connections.

**General ordering data**

|            |   |
|------------|---|
| Version    | Field attachable connector, M12, pin, 90° |
| Order No.  | <a href="#">1007060000</a>                |
| Type       | SAISW-5/9-(KV)                            |
| GTIN (EAN) | 4032248708505                             |
| Qty.       | 1 pc(s).                                  |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 19 g |
|------------|------|

## Technical data customisable plug-in connectors

|                               |                      |                               |                      |
|-------------------------------|----------------------|-------------------------------|----------------------|
| Cable diameter, max.          | 8 mm                 | Cable diameter, min.          | 6 mm                 |
| Coding                        | A-coded              | Conductor cross-section, max. | 0.75 mm <sup>2</sup> |
| Conductor cross-section, min. | 0.14 mm <sup>2</sup> | Contact surface               | CuSnZn               |
| Housing main material         | PA                   | Insulation strength           | 10 <sup>8</sup> Ω    |
| Number of poles               | 5                    | Plugging cycles               | ≥ 50                 |
| Pollution severity            | 3                    | Protection degree             | IP67                 |
| Rated current                 | 4 A                  | Rated voltage                 | 60 V                 |
| Shield connection             | No                   | Temperature range of housing  | -40 ... +85 °C       |
| Threaded ring material        | Plastic              | Type of connection            | Screw connection     |

## General Info

|                   |       |                       |        |
|-------------------|-------|-----------------------|--------|
| Number of poles   | 5     | Connection 1          | M12    |
| Connection 2      | Screw | Housing main material | PA     |
| Connection thread | M12   | Contact surface       | CuSnZn |
| Protection degree | IP67  | Plugging cycles       | ≥ 50   |

## Standards

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-101 |
|--------------------|-----------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC002635    |
| ETIM 8.0    | EC002635    | ETIM 9.0    | EC002635    |
| ECLASS 9.0  | 27-44-01-02 | ECLASS 9.1  | 27-44-01-03 |
| ECLASS 10.0 | 27-44-01-02 | ECLASS 11.0 | 27-44-01-02 |
| ECLASS 12.0 | 27-44-01-16 | ECLASS 13.0 | 27-44-01-02 |
| ECLASS 14.0 | 27-44-01-16 |             |             |

## Environmental Product Compliance

|                        |                |
|------------------------|----------------|
| REACH SVHC             | Lead 7439-92-1 |
| RoHS Compliance Status | Compliant      |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E307231    |

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### Downloads

|                    |  |
|--------------------|--|
| Engineering Data   | <a href="#">CAD data – STEP</a>  |
| User Documentation | <a href="#">Manual</a>   |
| 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

## Pole scheme

