

**SAIBW-4/9(KV)****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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, Socket, angled |
| Order No.  | <a href="#">1481140000</a>                      |
| Type       | SAIBW-4/9(KV)                                   |
| GTIN (EAN) | 4050118289688                                   |
| Qty.       | 1 pc(s).  |

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**Technical data****Dimensions and weights**

Net weight 18 g

**Technical data customisable plug-in connectors**

|                                |                                |                                |                      |
|--------------------------------|--------------------------------|--------------------------------|----------------------|
| Cable diameter, max.           | 8 mm                           | Cable diameter, min.           | 6 mm                 |
| Coding                         | A                              | Connection cross-section, max. | 0.75 mm <sup>2</sup> |
| Connection 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                | 4                              | Plugging cycles                | ≥ 50                 |
| Pollution severity             | 3                              | Protection degree              | IP67                 |
| Rated current                  | 4 A                            | Rated voltage                  | 250 V                |
| Rated voltage                  | 250 V (4-pole) / 60 V (5-pole) | Shield connection              | No                   |
| Temperature range of housing   | -40 ... +85 °C                 | Threaded ring material         | Plastic              |
| Type of connection             | Screw connection               |                                |                      |

**General Info**

|                   |       |                       |        |
|-------------------|-------|-----------------------|--------|
| Number of poles   | 4     | 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    | 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 |

**Environmental Product Compliance**

REACH SVHC Lead 7439-92-1

**Approvals**

Approvals



ROHS Conform

**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>        |

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**Data sheet**

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**Drawings**

**Pole scheme**

