

## SAIBWS-K-5A-4/6-M12

**Weidmüller Interface GmbH & Co. KG**

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[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 |
| Order No.  | <a href="#">1962630000</a>      |
| Type       | SAIBWS-K-5A-4/6-M12             |
| GTIN (EAN) | 4032248644766                   |
| Qty.       | 1 items                         |

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**Technical data**

**Approvals**

Approvals



|                         |                            |
|-------------------------|----------------------------|
| ROHS                    | Conform                    |
| UL File Number Search   | <a href="#">UL Website</a> |
| Certificate No. (cURus) | E307231                    |

**Dimensions and weights**

|            |         |
|------------|---------|
| Net weight | 14.34 g |
|------------|---------|

**Environmental Product Compliance**

|                                      |  |
|--------------------------------------|--|
| RoHS Compliance Status               | Compliant with exemption                       |
| RoHS Exemption (if applicable/known) | 6c   |
| REACH SVHC                           | Lead 7439-92-1, Imidazolidine-2-thione 96-45-7 |
| SCIP                                 | bcee35cf-c0f5-43d2-8daf-65ab0d08641a           |

**Technical data customisable plug-in connectors**

|                               |                      |                               |                      |
|-------------------------------|----------------------|-------------------------------|----------------------|
| Number of poles               | 5                    | Coding                        | A-coded              |
| Contact surface               | CuSnZn               | Type of connection            | Screw connection     |
| Housing main material         | PA                   | Insulation resistance         | 108 Ω                |
| Cable diameter, max.          | 6 mm                 | Cable diameter, min.          | 4 mm                 |
| Conductor cross-section, max. | 0.75 mm <sup>2</sup> | Conductor cross-section, min. | 0.14 mm <sup>2</sup> |
| Nominal voltage               | 60 V                 | Nominal current               | 4 A                  |
| Protection degree             | IP67                 | Plugging cycles               | ≥ 50                 |
| Pollution severity            | 3                    | Gender of contact             | Female               |
| Shield connection             | No                   | Threaded ring material        | Plastic              |
| Temperature range of housing  | -40 ... +85 °C       |                               |                      |

**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 8.0    | EC002635    | ETIM 9.0    | EC002635    |
| ETIM 10.0   | EC002635    | ECLASS 14.0 | 27-44-01-16 |
| ECLASS 15.0 | 27-44-01-16 |             |             |

**Pole scheme**

