

**SAISWS-K-4A-4/6-M12****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 |
| Order No.  | <a href="#">1962620000</a>      |
| Type       | SAISWS-K-4A-4/6-M12             |
| GTIN (EAN) | 4032248644759                   |
| Qty.       | 1 items                         |

## SAISWS-K-4A-4/6-M12

**Weidmüller Interface GmbH & Co. KG**  
 Klingenbergstraße 26  
 D-32758 Detmold  
 Germany

www.weidmueller.com

## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E307231

## Dimensions and weights

Net weight 15.87 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               | 4                    | 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               | 250 V                | Nominal current               | 4 A                  |
| Protection degree             | IP67                 | Plugging cycles               | ≥ 50                 |
| Pollution severity            | 3                    | Gender of contact             | Male                 |
| Shield connection             | No                   | Threaded ring material        | Plastic              |
| Temperature range of housing  | -40 ... +85 °C       |                               |                      |

## 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 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 |             |             |

**Drawings**

**Pole scheme**

