

**SAISWS-P-3A-4/6-M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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="#">1021280000</a>                                     |
| Type                | SAISWS-P-3A-4/6-M12                                            |
| GTIN (EAN)          | 4032248734276                                                  |
| Qty.                | 1 pc(s).                                                       |
| Delivery status     | <b>This article will no longer be available in the future.</b> |
| Available until     | 2025-05-30                                                     |
| Alternative product | <a href="#">9457290000</a>                                     |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 21 g |
|------------|------|

## Technical data customisable plug-in connectors

|                               |                      |                               |                      |
|-------------------------------|----------------------|-------------------------------|----------------------|
| Cable diameter, max.          | 6 mm                 | Cable diameter, min.          | 4 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               |
| Gender of contact             | Male                 | Housing main material         | PA                   |
| Insulation strength           | 10 <sup>8</sup> Ω    | Number of poles               | 3                    |
| Plugging cycles               | ≥ 50                 | Pollution severity            | 3                    |
| Protection degree             | IP67                 | Rated current                 | 4 A                  |
| Rated voltage                 | 250 V                | Shield connection             | No                   |
| Temperature range of housing  | -40 ... +85 °C       | Threaded ring material        | Diecast zinc         |
| Type of connection            | Screw connection     |                               |                      |

## General Info

|                   |       |                       |        |
|-------------------|-------|-----------------------|--------|
| Number of poles   | 3     | 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    |
| ETIM 10.0   | 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 |
| ECLASS 15.0 | 27-44-01-16 |             |             |

## 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          |

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Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Certificate No. (cURus) | E307231                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

**Downloads**

|                             |                                                                                                                                                                       |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering Data            | <a href="#">CAD data – STEP</a>                                                                                                                                       |
| Product Change Notification | <a href="#">Technische Änderung für freikonfektionierbare M8 und M12 Steckverbinder</a><br><a href="#">Technical change to field attachable M8 and M12 connectors</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

