

**SAISGS-P-3A-6/8-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="#">1021480000</a>          |
| Type                | SAISGS-P-3A-6/8-M12                 |
| GTIN (EAN)          | 4032248734771                       |
| Qty.                | 1 items                             |
| Delivery status     | Discontinued                        |
| Available until     | 2025-05-30T00:00:00+02:00           |
| Alternative product | <a href="#">SAISGS-P-4A-6/8-M12</a> |

## SAISGS-P-3A-6/8-M12

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E307231

## Dimensions and weights

Net weight 19.55 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               | 3                    | Coding                        | A-coded              |
| Contact surface               | CuSnZn               | Type of connection            | Screw connection     |
| Housing main material         | PA                   | Insulation resistance         | 108 Ω                |
| Cable diameter, max.          | 8 mm                 | Cable diameter, min.          | 6 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        | Diecast zinc         |
| Temperature range of housing  | -40 ... +85 °C       |                               |                      |

## 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 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**

