

**SAISGS-P-5L-8/13-M12****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

|            |                                 |
|------------|---------------------------------|
| Version    | Field attachable connector, M12 |
| Order No.  | <a href="#">2703510000</a>      |
| Type       | SAISGS-P-5L-8/13-M12            |
| GTIN (EAN) | 4050118773095                   |
| Qty.       | 1 pc(s).                        |

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## Technical data

## Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 42.89 g |
|------------|---------|

## Technical data customisable plug-in connectors

|                              |                  |                                |                     |
|------------------------------|------------------|--------------------------------|---------------------|
| Cable diameter, max.         | 13 mm            | Cable diameter, min.           | 8 mm                |
| Coding                       | L-coded          | Connection cross-section, max. | 2.5 mm <sup>2</sup> |
| Contact material             | CuZn             | Contact surface                | Au (Gold)           |
| Gender of contact            | Male             | Housing main material          | PA                  |
| Number of poles              | 5                | Plugging cycles                | ≥ 100               |
| Pollution severity           | 3                | Protection degree              | IP67                |
| Rated current                | 16 A             | Rated voltage                  | 63 V                |
| Temperature range of housing | -40 ... +85 °C   | Threaded ring material         | Diecast zinc        |
| Type of connection           | Screw connection |                                |                     |

## General Info

|                   |           |                                                      |                     |
|-------------------|-----------|------------------------------------------------------|---------------------|
| Number of poles   | 5         | Connection 1                                         | M12                 |
| Connection 2      | Screw     | Housing main material                                | PA                  |
| Connection thread | M12       | Contact material                                     | CuZn                |
| Contact surface   | Au (Gold) | Wire connection cross section, finely stranded, max. | 2.5 mm <sup>2</sup> |
| Protection degree | IP67      | Plugging cycles                                      | ≥ 100               |

## 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 |             |             |

## Approvals

Approvals



Approvals MAMID [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319222/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319230/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/) [https://mdcop.weidmueller.com/mediadelivery/rendition/900\\_319260/-T1z1mm-S800/](https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/)

|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E307231    |

## Environmental Product Compliance

|                                      |                          |
|--------------------------------------|--------------------------|
| RoHS Compliance Status               | Compliant with exemption |
| RoHS Exemption (if applicable/known) | 6c                       |
| REACH SVHC                           | Lead 7439-92-1           |

Creation date July 9, 2025 11:04:20 AM CEST

Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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## Technical data

### 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> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                              |

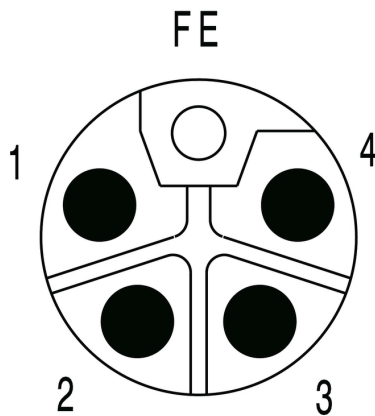
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# Drawings

## Pole scheme



## Drawing

