

**SAISW-4/8S-M12-4P D-COD****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

M12 plug-in connector in IP 67 available with crew or tension clamp connection

**General ordering data**

|            |                                           |
|------------|-------------------------------------------|
| Version    | Field attachable connector, M12, pin, 90° |
| Order No.  | <a href="#">1160550000</a>                |
| Type       | SAISW-4/8S-M12-4P D-COD                   |
| GTIN (EAN) | 4032248948444                             |
| Qty.       | 1 pc(s).                                  |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 66 g |
|------------|------|

## Environmental Product Compliance

|            |                                                      |      |                                          |
|------------|------------------------------------------------------|------|------------------------------------------|
| REACH SVHC | Lead 7439-92-1,<br>Imidazolidine-2-thione<br>96-45-7 | SCIP | bcee35cf-<br>c0f5-43d2-8daf-65ab0d08641a |
|------------|------------------------------------------------------|------|------------------------------------------|

## Technical data customisable plug-in connectors

|                                |                      |                                |                      |
|--------------------------------|----------------------|--------------------------------|----------------------|
| Cable diameter, max.           | 8 mm                 | Cable diameter, min.           | 6 mm                 |
| Coding                         | D                    | Conductor cross-section, max.  | 0.75 mm <sup>2</sup> |
| Conductor cross-section, min.  | 0.14 mm <sup>2</sup> | Connection cross-section, max. | 0.75 mm <sup>2</sup> |
| Connection cross-section, min. | 0.14 mm <sup>2</sup> | Contact surface                | Gold-plated          |
| Housing main material          | CuZn                 | Insulation strength            | 10 <sup>8</sup> Ω    |
| Number of poles                | 4                    | Plugging cycles                | ≥ 100                |
| Pollution severity             | 3                    | Protection degree              | IP67                 |
| Rated current                  | 4 A                  | Rated voltage                  | 250 V                |
| Rated voltage                  | 250 V                | Shield connection              | Yes                  |
| Temperature range of housing   | -40 ... +85 °C       | Threaded ring material         | Diecast zinc         |
| Type of connection             | Screw connection     |                                |                      |

## General Info

|                       |             |                   |       |
|-----------------------|-------------|-------------------|-------|
| Connection 1          | M12         | Connection 2      | Screw |
| Housing main material | CuZn        | Connection thread | M12   |
| Contact surface       | Gold-plated | Protection degree | IP67  |
| Plugging cycles       | ≥ 100       |                   |       |

## Electrical properties

|                     |                   |               |       |
|---------------------|-------------------|---------------|-------|
| Insulation strength | 10 <sup>8</sup> Ω | Rated voltage | 250 V |
|---------------------|-------------------|---------------|-------|

## General standards

|                         |         |                    |                 |
|-------------------------|---------|--------------------|-----------------|
| Certificate No. (cURus) | E307231 | Connector standard | IEC 61076-2-101 |
|-------------------------|---------|--------------------|-----------------|

## Standards

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-101 |
|--------------------|-----------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC002635    |
| ETIM 8.0    | 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 |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



ROHS Conform

UL File Number Search UL Website

Certificate No. (cURus) E307231

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