

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

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

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

**General ordering data**

|            |  |
|------------|--|
| Version    | Field attachable connector, M12, pin, straight |
| Order No.  | <a href="#">1892120001</a>                     |
| Type       | SAISM-4/8S-M12 4P D-ZF                         |
| GTIN (EAN) | 4032248647934                                  |
| Qty.       | 1 pc(s).                                       |

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## Technical data

## Dimensions and weights

|            |        |
|------------|--------|
| Net weight | 40.7 g |
|------------|--------|

## Technical data customisable plug-in connectors

|                                |                          |                                |                      |
|--------------------------------|--------------------------|--------------------------------|----------------------|
| Cable diameter                 | 6...8 mm (PG9)           | Cable diameter, max.           | 8 mm                 |
| Cable diameter, min.           | 6 mm                     | Coding                         | D-coded              |
| Conductor cross-section, max.  | 0.5 mm <sup>2</sup>      | Conductor cross-section, min.  | 0.25 mm <sup>2</sup> |
| Connection cross-section, max. | 0.5 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                    | Shield connection              | Yes                  |
| Temperature range of housing   | -40 ... +85 °C           | Threaded ring material         | Diecast zinc         |
| Type of connection             | Tension-clamp connection |                                |                      |

## General Info

|                   |               |                       |             |
|-------------------|---------------|-----------------------|-------------|
| Number of poles   | 4             | Connection 1          | M12         |
| Connection 2      | Tension-clamp | 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

|                    |                 |
|--------------------|-----------------|
| 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    | ETIM 9.0    | 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 |

## Environmental Product Compliance

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

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

Approvals



ROHS

Conform

**Downloads**

|   |  |
|---|--|
| Approval/Certificate/Document of Conformity | <a href="#">GOST Approval</a><br><a href="#">PROFINET Manufacturer's Declaration</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>  |
| Engineering Data                            | <a href="#">Zuken E3.S</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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[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Pole scheme**