

**SAIE-M12S-8-2.5U-M16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Various build-in connectors are required for the connections on the device side of the sensor/actuator cabling. These are available in the versions M12, M8 and M5.

**General ordering data**

|            |   |
|------------|---|
| Version    | Built-in plugs, M12, pin, straight, Mounting thread: M 16 x 1.5, Number of poles: 8, Strand / cable length: 2.5 m, Front mounting |
| Order No.  | <a href="#">1985860000</a>  |
| Type       | SAIE-M12S-8-2.5U-M16  |
| GTIN (EAN) | 4050118370706   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 85 g |
|------------|------|

## Technical data customisable plug-in connectors

|                       |                      |                              |  |
|-----------------------|----------------------|------------------------------|--|
| Coding                | A-coded              | Contact surface              | Gold-plated  |
| Housing main material | Brass, nickel-plated | Number of poles              | 8  |
| Plugging cycles       | ≥ 100                | Protection degree            | IP67, when screwed in                              |
| Rated current         | 2 A                  | Rated current                | 4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole) |
| Rated voltage         | 30 V                 | Temperature range of housing | -30...+90 °C                                       |

## Standards

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

## General data

|                       |                      |                                   |   |
|-----------------------|----------------------|-----------------------------------|---|
| Cable length          | 2.5 m                | Coding                            | A-coded   |
| Conductor O.D.        | -                    | Connection thread                 | M12   |
| Contact surface       | Gold-plated          | Core cross-section                | 0.25 mm <sup>2</sup>                                |
| Housing main material | Brass, nickel-plated | Material                          | PUR   |
| Mounting thread       | M 16 x 1.5           | Number of poles                   | 8   |
| Plugging cycles       | ≥ 100                | Protection degree                 | IP67, when screwed in                               |
| Rated current         | 2 A                  | Rated current                     | 4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)  |
| Rated voltage         | 30 V                 | Rated voltage                     | 250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole) |
| Strand / cable length | 2.5 m                | Temperature range of housing      | -30...+90 °C  |
| Type of mounting      | Front mounting       | Wire cross section (Print/Online) | 0.34 (4- and 5-pole)/ 0.25 (8-pole)/ 0.14 (12-pole) |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC003570    |
| ETIM 8.0    | EC003570    | ETIM 9.0    | EC003570    |
| ECLASS 9.0  | 27-44-01-03 | ECLASS 9.1  | 27-44-01-03 |
| ECLASS 10.0 | 27-44-01-03 | ECLASS 11.0 | 27-44-01-03 |
| ECLASS 12.0 | 27-44-01-03 | ECLASS 13.0 | 27-44-01-03 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate no. (cULus) | E307231    |

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## Technical data

### Downloads

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

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# Drawings

## Pole scheme

