

**SAIE-M12B-8-0,5U-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, Female socket, straight, M 16, Number of poles: 8, 0.5 m, Front mounting |
| Order No.  | <a href="#">1861140000</a>                                                                    |
| Type       | SAIE-M12B-8-0,5U-M16                                                                          |
| GTIN (EAN) | 4032248419210                                                                                 |
| Qty.       | 1 pc(s).                                                                                      |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 33 g |
|------------|------|

## Environmental Product Compliance

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

## Technical data customisable plug-in connectors

|                      |                                                     |                              |              |
|----------------------|-----------------------------------------------------|------------------------------|--------------|
| Cable glands         | M 16                                                | Coding                       | A            |
| Contact surface      | Gold-plated                                         | Housing main material        | Zinc diecast |
| 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 (text) | 250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole) | Temperature range of housing | -30...+90 °C |

## Standards

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

## General data

|                              |                                                     |                       |                |
|------------------------------|-----------------------------------------------------|-----------------------|----------------|
| Cable glands                 | M 16                                                | Cable length          | 0.5 m          |
| Coding                       | A                                                   | Conductor O.D.        | -              |
| Connection thread            | M12                                                 | Contact surface       | Gold-plated    |
| Core cross-section           | 0.25 mm <sup>2</sup>                                | Housing main material | Zinc diecast   |
| Material                     | PUR                                                 | Mounting thread       | M 16           |
| 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 (text)         | 250 V (4-pole)/ 60 V (5-pole)/ 30 V (8 and 12-pole) | Strand / cable length | 0.5 m          |
| Temperature range of housing | -30...+90 °C                                        | Type of mounting      | Front mounting |
| Wire cross section           | 0.34 (4- and 5-pole)/ 0.25 (8-pole)                 |                       |                |

## Classifications

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

## Approvals

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E307231 |

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Catalogue status 12.03.2021 / We reserve the right to make technical changes.

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## Drawings

### Pole scheme

