

**SAIE-M12B-8-0,5U-M16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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).  |

Creation date March 9, 2023 12:22:25 PM CET

Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

Net weight 33 g

## Temperatures

Operating temperature, min. -25 °C Operating temperature, max. 85 °C

## 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     | 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                     | 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 (Print/Online) | 0.34 (4- and 5-pole)/ 0.25 (8-pole)                 |                       |                |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC003570    |
| ETIM 8.0    | 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 |

## Environmental Product Compliance

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

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**Technical data****Approvals**

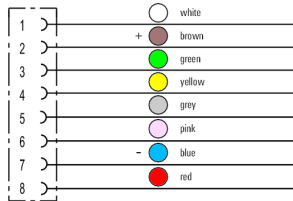
Approvals



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

**Downloads**

|            |  |
|------------|--|
| 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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Germany[www.weidmueller.com](http://www.weidmueller.com)**Drawings****Wiring diagram****Pole scheme**