

**SAIE-M8B-4-0.5U-FP-M8****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Various built-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, M8 thread, Female socket, straight, Mounting thread: M8, Number of poles: 4, Strand / cable length: 0.5 m |
| Order No.  | <a href="#">1856140000</a>  |
| Type       | SAIE-M8B-4-0.5U-FP-M8   |
| GTIN (EAN) | 4032248399000   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 15 g |
|------------|------|

## Technical data customisable plug-in connectors

|                    |                       |                              |                      |
|--------------------|-----------------------|------------------------------|----------------------|
| Cable glands       | M 8                   | Coding                       | none                 |
| Contact surface    | Gold-plated           | Housing main material        | Brass, nickel-plated |
| Number of poles    | 4                     | Plugging cycles              | ≥ 100                |
| Protection degree  | IP67, when screwed in | Rated current                | 4 A                  |
| Rated voltage      | 30 V                  | Temperature range of housing | -30...+90 °C         |
| Type of connection | Socket connector      |                              |                      |

## Standards

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-104 |
|--------------------|-----------------|

## General data

|                       |                       |                              |                               |
|-----------------------|-----------------------|------------------------------|-------------------------------|
| Cable glands          | M 8                   | Cable length                 | 0.5 m                         |
| Coding                | none                  | Conductor O.D.               | -                             |
| Connection thread     | M8 thread             | Contact surface              | Gold-plated                   |
| Core cross-section    | 0.25 mm <sup>2</sup>  | Housing main material        | Brass, nickel-plated          |
| Material              | PVC                   | Mounting thread              | M8                            |
| Number of poles       | 4                     | Plugging cycles              | ≥ 100                         |
| Protection degree     | IP67, when screwed in | Rated current                | 4 A                           |
| Rated voltage         | 30 V                  | Rated voltage                | 60 V (3-pole) / 30 V (4-pole) |
| Strand / cable length | 0.5 m                 | Temperature range of housing | -30...+90 °C                  |
| Type of connection    | Socket connector      |                              |                               |

## 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       | e8d8af70-4c85-4483-bc8c-9bc5b598e2a9 |

## Approvals

Approvals



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

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## Technical data

### Downloads

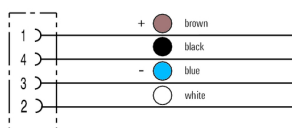
|                  |  |
|------------------|--|
| Engineering Data | <a href="#">CAD data – STEP</a>  |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

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