

**SAIE-M8B-3-0.5U-FP-M8****Weidmüller Interface GmbH & Co. KG**

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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**

|            |                                                                             |
|------------|-----------------------------------------------------------------------------|
| Type       | SAIE-M8B-3-0.5U-FP-M8                                                       |
| Order No.  | <a href="#">1856130000</a>                                                  |
| Version    | Built-in plugs, M8 thread, Female socket, straight, M 8, Number of poles: 3 |
| GTIN (EAN) | 4032248398997                                                               |
| Qty.       | 1 pc(s).                                                                    |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 13 g |
|------------|------|

## Temperatures

|                                   |       |                                   |        |
|-----------------------------------|-------|-----------------------------------|--------|
| Operating temperature range, max. | 90 °C | Operating temperature range, min. | -30 °C |
| Operating temperature, max.       | 90 °C | Operating temperature, min.       | -30 °C |

## Environmental Product Compliance

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

## Standards

|                    |                 |                         |         |
|--------------------|-----------------|-------------------------|---------|
| Connector standard | IEC 61076-2-104 | Certificate no. (cULus) | E307231 |
|--------------------|-----------------|-------------------------|---------|

## General data

|                       |                       |                              |                               |
|-----------------------|-----------------------|------------------------------|-------------------------------|
| Cable glands          | M 8                   | 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                           |
| Number of poles       | 3                     | Plugging cycles              | ≥ 100                         |
| Protection degree     | IP67, when screwed in | Rated current                | 4 A                           |
| Rated voltage         | 60 V                  | Rated voltage (text)         | 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    |
| eClass 9.0  | 27-44-01-03 | eClass 9.1 | 27-44-01-03 |
| eClass 10.0 | 27-44-01-03 | UNSPSC     | 30-21-18-10 |

## Approvals

Approvals



|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

## Downloads

|                    |                                                                         |
|--------------------|-------------------------------------------------------------------------|
| Brochure/Catalogue | <a href="#">CAT 8 SAI 15/16 EN</a><br><a href="#">FL FIELDWIRING EN</a> |
| Engineering Data   | <a href="#">WSCAD</a>                                                   |

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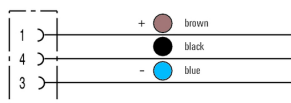
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# Drawings

## Wiring diagram



## Pole scheme

