

**SAIE-M5B-4-0.2U****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, M5, Female socket, straight, Mounting thread: , Number of poles: 4, Strand / cable length: 0.2 m |
| Order No.  | <a href="#">1873040000</a>                                                                                       |
| Type       | SAIE-M5B-4-0.2U                                                                                                  |
| GTIN (EAN) | 4032248478286                                                                                                    |
| Qty.       | 1 pc(s).                                                                                                         |

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## Technical data

## Dimensions and weights

|            |     |
|------------|-----|
| Net weight | 6 g |
|------------|-----|

## Technical data customisable plug-in connectors

|                              |                      |                    |                       |
|------------------------------|----------------------|--------------------|-----------------------|
| Cable glands                 | M 5                  | Contact surface    | Gold-plated           |
| Housing main material        | Brass, nickel-plated | Number of poles    | 4                     |
| Plugging cycles              | ≥ 500                | Protection degree  | IP67, when screwed in |
| Rated current                | 1 A                  | Rated voltage      | 60 V                  |
| Temperature range of housing | -25...+80 °C         | Type of connection | Socket connector      |

## General data

|                       |                       |                              |                      |
|-----------------------|-----------------------|------------------------------|----------------------|
| Cable glands          | M 5                   | Cable length                 | 0.2 m                |
| Conductor O.D.        | -                     | Connection 1                 | M5                   |
| Connection 2          | Flying wires          | Connection thread            | M5                   |
| Contact surface       | Gold-plated           | Core cross-section           | 0.14 mm <sup>2</sup> |
| Housing main material | Brass, nickel-plated  | Material                     | PVC                  |
| Number of poles       | 4                     | Plugging cycles              | ≥ 500                |
| Protection degree     | IP67, when screwed in | Rated current                | 1 A                  |
| Rated voltage         | 60 V                  | Rated voltage                | 60 V                 |
| Strand / cable length | 0.2 m                 | Temperature range of housing | -25...+80 °C         |
| Type of connection    | Socket connector      |                              |                      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC003570    |
| ETIM 8.0    | EC003570    | ETIM 9.0    | EC003570    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-44-01-03 |
| ECLASS 15.0 | 27-44-01-03 |             |             |

## Environmental Product Compliance

|                        |                                      |
|------------------------|--------------------------------------|
| RoHS Compliance Status | Compliant                            |
| REACH SVHC             | Lead 7439-92-1                       |
| SCIP                   | ebf89fc8-a87f-4691-b87a-dfb9921774b4 |

## Approvals

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

## 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> |

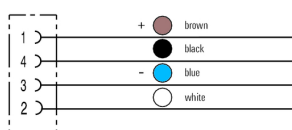
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# Drawings

## Wiring diagram



## Pole scheme

