

## SAIE-M12B-5B-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, Mounting thread: M 16 x 1.5, Number of poles: 5, Strand / cable length: 0.5 m, Front mounting |
| Order No.  | <a href="#">2434700000</a>  |
| Type       | SAIE-M12B-5B-0.5U-M16   |
| GTIN (EAN) | 4050118446524   |
| Qty.       | 1 items   |

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## Technical data

## Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E307231

## Dimensions and weights

Net weight 30 g

## Environmental Product Compliance

RoHS Compliance Status Compliant

REACH SVHC Lead 7439-92-1

SCIP ebf89fc8-a87f-4691-b87a-dfb9921774b4

## Technical specifications for cable

|                       |       |                    |                                 |
|-----------------------|-------|--------------------|---------------------------------|
| PE function           | No    | Core cross-section | 0.34 mm <sup>2</sup>            |
| Strand / cable length | 0.5 m | Colour coding      | brown, white, blue, black, grey |
| Number of poles       | 5     |                    |                                 |

## Technical data customisable plug-in connectors

|                              |                       |                       |              |
|------------------------------|-----------------------|-----------------------|--------------|
| Number of poles              | 5                     | Coding                | B-coded      |
| Contact surface              | Gold-plated           | Housing main material | Zinc diecast |
| Nominal voltage              | 60 V                  | Nominal current       | 4 A          |
| Protection degree            | IP67, when screwed in | Plugging cycles       | ≥ 100        |
| Temperature range of housing | -30...+90 °C          |                       |              |

## Standards

Connector standard IEC 61076-2-101

## General data

|                       |   |
|-----------------------|---|
| Number of poles       | 5   |
| Coding                | B-coded   |
| Connection thread     | M12   |
| Contact surface       | Gold-plated                                     |
| Tightening torque     | 1 Nm  |
| Core cross-section    | 0.34 mm <sup>2</sup>                            |
| Housing main material | Zinc diecast                                    |
| Type of mounting      | Front mounting                                  |
| Nominal voltage       | 60 V  |
| Nominal current       | 4 A   |
| Protection degree     | IP67, when screwed in                           |
| Plugging cycles       | ≥ 100   |
| Rated voltage         | 250 V (4-pole) / 125 V (5-pole) / 60 V (8-pole) |
| Connection 1          | M12   |
| Connection 2          | Flying wires                                    |
| Strand / cable length | 0.5 m   |

Creation date 13.03.2026 10:00:28 MEZ

Catalogue status / Drawings

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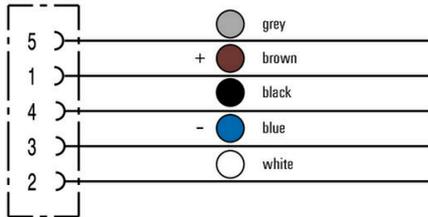
## Technical data

|                              |              |
|------------------------------|--------------|
| Mounting thread              | M 16 x 1.5   |
| Mounting torque range        | 2 Nm         |
| Mounting torque              | max. 2 Nm    |
| Temperature range of housing | -30...+90 °C |
| Conductor O.D.               | -            |

## Classifications

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

Wiring diagram



Pole scheme

