

**SAIE-M12S-5-0.5U-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, pin, straight, Mounting thread: M 16, Number of poles: 5, Strand / cable length: 0.5 m, Front mounting |
| Order No.  | <a href="#">1861230000</a>                                                                                                  |
| Type       | SAIE-M12S-5-0.5U-M16                                                                                                        |
| GTIN (EAN) | 4032248419302                                                                                                               |
| Qty.       | 1 pc(s).                                                                                                                    |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 27 g |
|------------|------|

## Technical data customisable plug-in connectors

|                              |                                                    |                       |                      |
|------------------------------|----------------------------------------------------|-----------------------|----------------------|
| Cable glands                 | M 16                                               | Coding                | A-coded              |
| Contact surface              | Gold-plated                                        | Housing main material | Brass, nickel-plated |
| Number of poles              | 5                                                  | Plugging cycles       | ≥ 100                |
| Protection degree            | IP67, when screwed in                              | Rated current         | 4 A                  |
| Rated current                | 4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole) | Rated voltage         | 60 V                 |
| 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-coded                                             | Conductor O.D.        | -                    |
| Connection thread                 | M12                                                 | Contact surface       | Gold-plated          |
| Core cross-section                | 0.34 mm <sup>2</sup>                                | Housing main material | Brass, nickel-plated |
| Material                          | PVC                                                 | Mounting thread       | M 16                 |
| Number of poles                   | 5                                                   | Plugging cycles       | ≥ 100                |
| Protection degree                 | IP67, when screwed in                               | Rated current         | 4 A                  |
| Rated current                     | 4 A (4- and 5-pole)/ 2 A (8-pole)/ 1.5 A (12-pole)  | Rated voltage         | 60 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)/ 0.14 (12-pole) |                       |                      |

## 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 | 27440103    |

## Environmental Product Compliance

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

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Approvals



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

**Downloads**

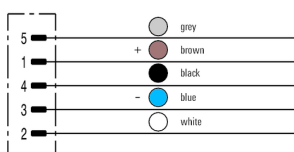
|            |                                                                        |
|------------|------------------------------------------------------------------------|
| Catalogues | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures  | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

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