

**SAIB-5/11-1.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

**General ordering data**

|            |  |
|------------|--|
| Version    | Field attachable connector, M12, Female socket, straight |
| Order No.  | <a href="#">1353750000</a>                               |
| Type       | SAIB-5/11-1.5  |
| GTIN (EAN) | 4050118156461  |
| Qty.       | 1 pc(s).   |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 28 g |
|------------|------|

## Technical data customisable plug-in connectors

|                                |                      |                                |                               |
|--------------------------------|----------------------|--------------------------------|-------------------------------|
| Cable diameter                 | 8...10 mm (PG11)     | Cable diameter, max.           | 10 mm                         |
| Cable diameter, min.           | 8 mm                 | Cable glands                   | PG 11                         |
| Coding                         | A-coded              | Conductor cross-section, max.  | 1.5 mm <sup>2</sup>           |
| Conductor cross-section, min.  | 0.14 mm <sup>2</sup> | Connection cross-section, max. | 1.5 mm <sup>2</sup>           |
| Connection cross-section, min. | 0.5 mm <sup>2</sup>  | Contact material               | CuZn                          |
| Contact surface                | Gold-plated          | Housing main material          | PA                            |
| Insulation strength            | 10 <sup>8</sup> Ω    | Number of poles                | 5                             |
| Plugging cycles                | ≥ 100                | Pollution severity             | 3                             |
| Protection degree              | IP67                 | Rated current                  | Contacts 1-4 8A, contact 5 2A |
| Rated voltage                  | 60 V                 | Shield connection              | No                            |
| Temperature range of housing   | -40 ... +85 °C       | Threaded ring material         | Diecast zinc                  |
| Type of connection             | Screw connection     |                                |                               |

## General Info

|                   |             |                       |      |
|-------------------|-------------|-----------------------|------|
| Number of poles   | 5           | Connection 1          | M12  |
| Connection 2      | Screw       | Housing main material | PA   |
| Connection thread | M12         | Contact material      | CuZn |
| Contact surface   | Gold-plated | Protection degree     | IP67 |
| Plugging cycles   | ≥ 100       |                       |      |

## Standards

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-101 |
|--------------------|-----------------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002635    | ETIM 7.0    | EC002635    |
| ETIM 8.0    | EC002635    | ETIM 9.0    | EC002635    |
| ECLASS 9.0  | 27-44-01-02 | ECLASS 9.1  | 27-44-01-03 |
| ECLASS 10.0 | 27-44-01-02 | ECLASS 11.0 | 27-44-01-02 |
| ECLASS 12.0 | 27-44-01-16 | ECLASS 13.0 | 27-44-01-02 |

## Environmental Product Compliance

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 1c533b66-fcff-4da5-b89f-fd55fbf5cb55 |

## Approvals

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E307231    |

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Catalogue status 01.06.2024 / We reserve the right to make technical changes.

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## Technical data

### Downloads

|                    |  |
|--------------------|--|
| Engineering Data   | <a href="#">CAD data – STEP</a>  |
| User Documentation | <a href="#">Manual</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

**Pole scheme**

