

**SAIE-M12SK-5-0.2VFM16-1.5****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Product image**

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    | Built-in plugs, M12, Female socket, straight, Mounting thread: M 16 x 1.5, Number of poles: 5, Strand / cable length: 0.2 m, Front mounting |
| Order No.  | <a href="#">2968000000</a>                                                                                                                  |
| Type       | SAIE-M12SK-5-0.2VFM16-1.5                                                                                                                   |
| GTIN (EAN) | 4099986779402                                                                                                                               |
| Qty.       | 1 pc(s).                                                                                                                                    |

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**Technical data****Dimensions and weights**

|            |      |
|------------|------|
| Net weight | 25 g |
|------------|------|

**Technical data customisable plug-in connectors**

|                              |                |                     |                                   |
|------------------------------|----------------|---------------------|-----------------------------------|
| Coding                       | K-coded        | Contact surface     | Gold-plated                       |
| Housing main material        | Zinc diecast   | Insulation strength | ≥ 100 MΩ                          |
| Number of poles              | 5              | Plugging cycles     | ≥ 100                             |
| Pollution severity           | 3              | Protection degree   | IP65, IP67, IP68, when screwed in |
| Rated current                | 12 A           | Rated voltage       | 630 V                             |
| Temperature range of housing | -40 ... +85 °C |                     |                                   |

**Standards**

|                    |                 |
|--------------------|-----------------|
| Connector standard | IEC 61076-2-111 |
|--------------------|-----------------|

**General data**

|                       |                     |                              |                                   |
|-----------------------|---------------------|------------------------------|-----------------------------------|
| AF size               | 17 mm               | Coding                       | K-coded                           |
| Connection 1          | M12                 | Connection 2                 | Flying wires                      |
| Connection thread     | M12                 | Contact surface              | Gold-plated                       |
| Core cross-section    | 1.5 mm <sup>2</sup> | Housing main material        | Zinc diecast                      |
| Insulation strength   | ≥ 100 MΩ            | Mounting thread              | M 16 x 1.5                        |
| Number of poles       | 5                   | Plugging cycles              | ≥ 100                             |
| Pollution severity    | 3                   | Protection degree            | IP65, IP67, IP68, when screwed in |
| Rated current         | 12 A                | Rated voltage                | 630 V                             |
| Strand / cable length | 0.2 m               | Temperature range of housing | -40 ... +85 °C                    |
| Type of mounting      | Front mounting      |                              |                                   |

**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 with exemption |
| RoHS Exemption (if applicable/known) | 6c                       |
| REACH SVHC                           | Lead 7439-92-1           |

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Approvals



|                         |                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                     |
| UL File Number Search   | UL Website                                                                                                                                                                  |
| Certificate no. (cULus) | E310075                                                                                                                                                                     |

**Downloads**Catalogues [Catalogues in PDF-format](#)

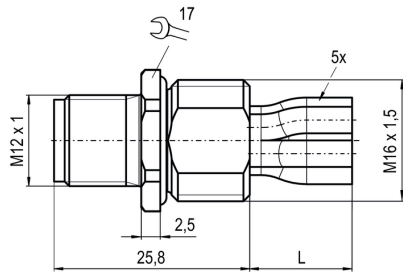
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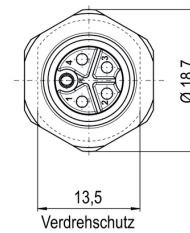
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## Drawings

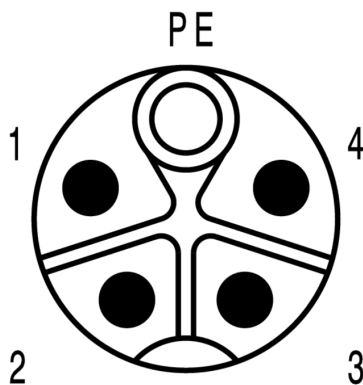
### Dimensioned drawing



### Dimensioned drawing



### Pole scheme



### Wiring diagram



### Detailed drawing

