

## SAIFG-M12B-L-F12-M16

**Weidmüller Interface GmbH & Co. KG**  
Klingenbergstraße 26  
D-32758 Detmold  
Germany

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



### General ordering data

|            |   |
|------------|---|
| Version    | Built-in plugs, M12, Mounting thread: M 16,<br>Number of poles: 5, Strand / cable length: |
| Order No.  | <a href="#">2530840000</a>  |
| Type       | SAIFG-M12B-L-F12-M16  |
| GTIN (EAN) | 4050118540963   |
| Qty.       | 60 pc(s).   |

Creation date December 5, 2023 9:09:53 AM CET

Catalogue status 24.11.2023 / We reserve the right to make technical changes.

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## Technical data

### Dimensions and weights

Net weight 1.967 g

### Technical data of PCB plug-in connector

|                       |                       |                   |                     |
|-----------------------|-----------------------|-------------------|---------------------|
| Coding                | L-coded               | Housings          | M12 socket          |
| Mounting height       | 12 mm                 | Mounting thread   | M16                 |
| Number of poles       | 5                     | Type of mounting  | Frontpanel mounting |
| Rated voltage         | 63 V                  | Rated current     | 16 A                |
| Protection degree     | IP67, when screwed in | Contact surface   | Gold over nickel    |
| Housing main material | Zinc diecast          | Connection thread | M12                 |
| Tightening torque     | M12: 0.8 - 1.2 Nm     | Mounting thread   | M 16                |
| Plugging cycles       | 500                   | Contact material  | Cu                  |

### General Info

|                   |                       |                       |                     |
|-------------------|-----------------------|-----------------------|---------------------|
| Number of poles   | 5                     | Housing main material | Zinc diecast        |
| Connection thread | M12                   | Contact material      | Cu                  |
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### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000437    | ETIM 7.0    | EC003556    |
| ETIM 8.0    | EC003556    | ETIM 9.0    | EC003556    |
| ECLASS 9.1  | 27-44-02-02 | ECLASS 10.0 | 27-44-02-24 |
| ECLASS 11.0 | 27-44-02-24 | ECLASS 12.0 | 27-44-02-24 |
| ECLASS 13.0 | 27440224    |             |             |

### Environmental Product Compliance

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

### Approvals

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

### Downloads

Catalogues [Catalogues in PDF-format](#)

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**Drawings****Dimensioned drawing**