

**SAI-04L-VP12-3A-M08L-1:1****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

The new slim M8 line from Weidmüller. This range of products is characterised by the marking options at all connection positions. Even the 4-way distributor with 8-pole M12 has adequately large markers at all M8 connection positions. Furthermore, this distributor is shorter than many conventional M8 designs.

- Very narrow, short and flat M8 distributor.
- The range is supplied with 4 to 12 M8 connection positions, 3 or 4 poles.
- Hybrid variants of the M8 are also possible on request.
- The M8 line is equipped with transverse holes.

**General ordering data**

|            |  |
|------------|--|
| Version    | with M12 outlet, A-coded, 12-pole, M8, 30 V, ,<br>LED: No, LED initiator: No, Wiring type: 1:1 |
| Order No.  | <a href="#">1449400000</a>   |
| Type       | SAI-04L-VP12-3A-M08L-1:1   |
| GTIN (EAN) | 4050118253696  |
| Qty.       | 2 pc(s).   |

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|            |      |
|------------|------|
| Net weight | 66 g |
|------------|------|

**Temperatures**

|                       |            |
|-----------------------|------------|
| Operating temperature | -25 - 80°C |
|-----------------------|------------|

**Connection data**

|                    |                                      |
|--------------------|--------------------------------------|
| Distributor outlet | with M12 outlet, A-coded,<br>12-pole |
|--------------------|--------------------------------------|

**Electrical data**

|   |      |                     |      |
|---|------|---------------------|------|
| Rated voltage, min.                     | 10 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 2 A  | Total current       | 6 A  |
| Current per signal                      | 1 A  |                     |      |

**General technical data**

|                   |      |                           |    |
|-------------------|------|---------------------------|----|
| Protection degree | IP68 | Number of contact sockets | 4  |
| Connection thread | M8   | Pollution severity        | 3  |
| Fire behaviour    | V-0  | LED                       | No |
| LED initiator     | No   |                           |    |

**Material data**

|                         |                    |                          |                                |
|-------------------------|--------------------|--------------------------|--------------------------------|
| Material O-Ring         | FKM                | Housing main material    | PBT                            |
| Material of distributor | Plastic            | Housing colour           | black (similar to RAL<br>9005) |
| Screw socket            | Nickel-plated CuZn | Contact material         | CuZn                           |
| Contact surface         | Gold-plated        | Contact carrier material | PBT (UL 94 V0)                 |

**Technical data cable**

|                             |    |
|-----------------------------|----|
| Suitable for cable carriers | No |
|-----------------------------|----|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC003558    |
| ETIM 8.0    | EC003558    | ETIM 9.0    | EC003558    |
| ECLASS 9.0  | 27-44-01-08 | ECLASS 9.1  | 27-44-01-08 |
| ECLASS 10.0 | 27-44-01-11 | ECLASS 11.0 | 27-44-01-11 |
| ECLASS 12.0 | 27-44-01-11 | ECLASS 13.0 | 27-44-01-11 |

**Environmental Product Compliance**

|            |                                      |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1                       |
| SCIP       | 22cbd99b-5f46-4c36-9938-bd61e241a9ab |

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## Technical data

### Approvals

Approvals



ROHS

Conform

### Downloads

Engineering Data [CAD data – STEP](#)

Product Change Notification [20211208 Technical change to SAI M8 Line Distribution Boxes](#)  
[20211208 Technische Änderung zu SAI M8 Line Verteiler](#)

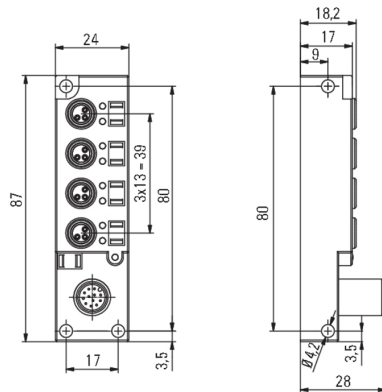
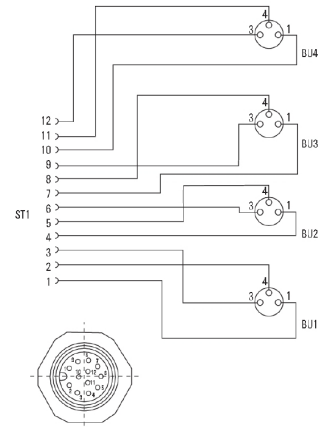
Catalogues [Catalogues in PDF-format](#)

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**Drawings****Dimensioned drawing****Wiring diagram****Pole scheme**