

**SAI-4-S12 M8 L 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    | SAI Passive, Sensor-actuator passive distributor, M8, with M12 outlet, A-coded, 12-pole, Yes |
| Order No.  | <a href="#">1449400000</a>                                                                   |
| Type       | SAI-4-S12 M8 L 1:1                                                                           |
| GTIN (EAN) | 4050118253696                                                                                |
| Qty.       | 2 pc(s).                                                                                     |

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

|            |        |
|------------|--------|
| Net weight | 66.5 g |
|------------|--------|

**Temperatures**

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

**Environmental Product Compliance**

|            |                |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

**Connection data**

|                    |                                   |
|--------------------|-----------------------------------|
| Distributor outlet | with M12 outlet, A-coded, 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                       | Yes |

**Material data**

|                       |                    |                          |                |
|-----------------------|--------------------|--------------------------|----------------|
| Housing main material | Pocan              | Housing colour           | grey, RAL 7032 |
| 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    |
| 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 |

**Approvals**

Approvals



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

**Downloads**

|                  |                      |
|------------------|----------------------|
| Engineering Data | <a href="#">STEP</a> |
|------------------|----------------------|

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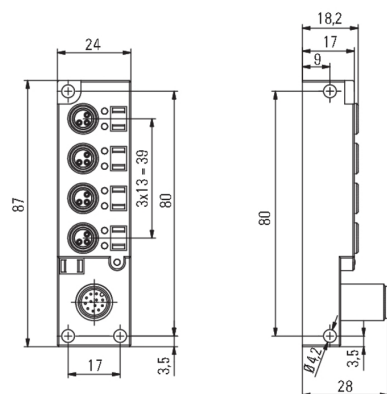
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# Drawings

## Dimensioned drawing



## Wiring diagram

