

**SAI-4-F 3P M8 PUR 5M****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, Fixed cable version, 5 m, Yes |
| Order No.  | <a href="#">1784640000</a>                                                          |
| Type       | SAI-4-F 3P M8 PUR 5M                                                                |
| GTIN (EAN) | 4032248191451                                                                       |
| Qty.       | 1 pc(s).                                                                            |

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## Technical data

## Dimensions and weights

|                |           |                 |            |
|----------------|-----------|-----------------|------------|
| Depth          | 100 mm    | Depth (inches)  | 3.937 inch |
| Height         | 27 mm     | Height (inches) | 1.063 inch |
| Net weight     | 401 g     | Width           | 48 mm      |
| Width (inches) | 1.89 inch |                 |            |

## Temperatures

|                       |            |
|-----------------------|------------|
| Operating temperature | -20 - 80°C |
|-----------------------|------------|

## Environmental Product Compliance

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

## Connection data

|                    |                     |
|--------------------|---------------------|
| Distributor outlet | Fixed cable version |
|--------------------|---------------------|

## Electrical data

|                                |      |                                         |                   |
|--------------------------------|------|-----------------------------------------|-------------------|
| Rated voltage, min.            | 10 V | Rated voltage, max.                     | 30 V              |
| Test voltage                   | 1 kV | Max. current-carrying capacity per slot | 2 A               |
| Total current                  | 8 A  | Current per signal                      | 2 A               |
| Electrical isolation available | Yes  | Insulation strength                     | 10 <sup>9</sup> Ω |

## General technical data

|                                     |       |                             |        |
|-------------------------------------|-------|-----------------------------|--------|
| Protection degree                   | IP68  | Number of poles             | 3      |
| Number of contact sockets           | 4     | Connection thread           | M8     |
| Pollution severity                  | 3     | Fire behaviour              | V-0    |
| LED                                 | Yes   | LED initiator               | Yes    |
| LED colour for indicating operation | green | LED colour for I/O function | yellow |

## Material data

|                          |                |                         |                    |
|--------------------------|----------------|-------------------------|--------------------|
| Housing main material    | Pocan          | Material of distributor | Plastic            |
| 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

|                 |                                         |                              |                                                     |
|-----------------|-----------------------------------------|------------------------------|-----------------------------------------------------|
| Bending cycles  | 1 mill.                                 | Bending radius, min., moving | 10 x cable diameter                                 |
| Colour coding   | white, green, grey, yellow, blue, brown | Halogen                      | No                                                  |
| Number of poles | 3                                       | O.D.                         | 6.6 mm                                              |
| Sheath material | PUR                                     | Sheathing colour             | black                                               |
| Shielded        | No                                      | Wire cross section           | 4 x 0.34 mm <sup>2</sup> + 2 x 0.75 mm <sup>2</sup> |
| Cable length    | 5 m                                     | Suitable for cable carriers  | Yes                                                 |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC002585    |
| ECLASS 9.0  | 27-44-01-08 | ECLASS 9.1  | 27-44-01-08 |
| ECLASS 10.0 | 27-44-01-08 | ECLASS 11.0 | 27-44-01-08 |

**Approvals**

Approvals



|                       |         |
|-----------------------|---------|
| ROHS                  | Conform |
| UL File Number Search | E92202  |

**Downloads**Engineering Data [WSCAD](#)

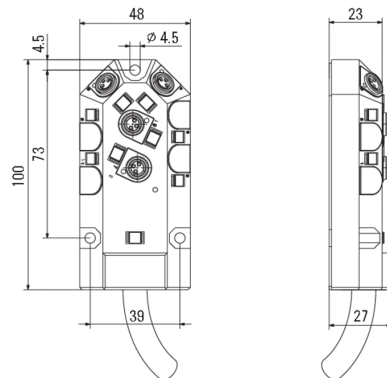
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# Drawings

## Dimensioned drawing



## Wiring diagram

