

**SAI-4 M 4P M12 UT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



M12 distributors are available in various versions. The 4, 6 or 8 M12 slots are in 4 or 5 pole design. The group outlet is designed as a fixed cable version, hood version for connection by the user, or with M23. Special versions are also available. For instance, there are 1-to-1 distributors for use with any connection types, or distributors approved for Ex Zone 1.

**General ordering data**

|            |  |
|------------|--|
| Version    | SAI Passive, Sensor-actuator passive distributor, M12, Hood version, Yes |
| Order No.  | <a href="#">1705921000</a>   |
| Type       | SAI-4 M 4P M12 UT  |
| GTIN (EAN) | 4032248147892  |
| Qty.       | 2 pc(s).   |

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |        |                |            |
|------------|--------|----------------|------------|
| Depth      | 102 mm | Depth (inches) | 4.016 inch |
| Net weight | 120 g  |                |            |

## Temperatures

|                             |            |                             |        |
|-----------------------------|------------|-----------------------------|--------|
| Operating temperature       | -20 - 90°C | Operating temperature, min. | -20 °C |
| Operating temperature, max. | 90 °C      |                             |        |

## Connection data

|                      |                      |                      |                     |
|----------------------|----------------------|----------------------|---------------------|
| Conductor O.D., min. | 0 mm                 | Conductor O.D., max. | 0 mm                |
| Clamping range, min. | 0.08 mm <sup>2</sup> | Clamping range, max. | 1.5 mm <sup>2</sup> |
| Storage space        | Standard             | Distributor outlet   | Hood version        |

## Electrical data

|                     |                   |   |      |
|---------------------|-------------------|---|------|
| Rated voltage, min. | 10 V              | Rated voltage, max.                     | 30 V |
| Test voltage        | 1 kV              | Max. current-carrying capacity per slot | 4 A  |
| Total current       | 10 A              | Current per signal                      | 2 A  |
| Insulation strength | 10 <sup>9</sup> Ω |   |      |

## General technical data

|                                     |       |                             |        |
|-------------------------------------|-------|-----------------------------|--------|
| Plug-in station coding              | A     | Protection degree           | IP68   |
| Number of poles                     | 4     | Number of contact sockets   | 4      |
| Connection thread                   | M12   | Pollution severity          | 3      |
| Fire behaviour                      | V-0   | Plugging cycles             | ≤ 50   |
| 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     | Hood sealing material    | Viton          |
| Screw socket          | Nickel-plated CuZn | Contact material         | CuZn           |
| Contact surface       | Gold-plated        | Contact carrier material | PBT (UL 94 V0) |

## Technical data cable

|                      |      |                             |      |
|----------------------|------|-----------------------------|------|
| Conductor O.D., max. | 0 mm | Conductor O.D., min.        | 0 mm |
| Number of poles      | 4    | Suitable for cable carriers | No   |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC003558    |
| ETIM 8.0    | 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 |

**Data sheet****SAI-4 M 4P M12 UT**

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**Technical data****Approvals**

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E141197    |

**Downloads**

|                  |  |
|------------------|--|
| Engineering Data | <a href="#">CAD data – STEP</a>  |
| Engineering Data | <a href="#">WSCAD</a>  |
| Catalogues       | <a href="#">Catalogues in PDF-format</a>                               |
| Brochures        | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |

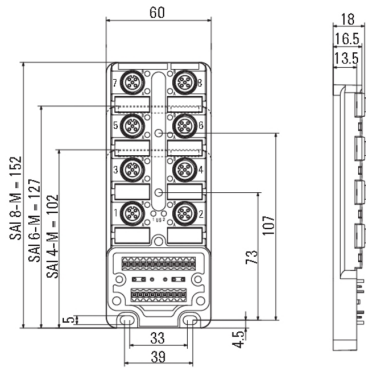
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**Drawings**

**Dimensioned drawing**



**Wiring diagram**

