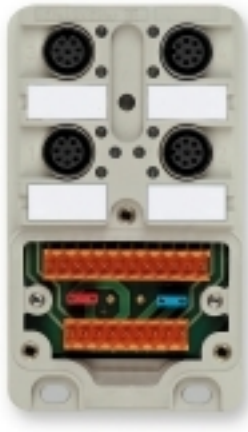


**SAI-4-M 8P M12 UT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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    | Sensor-actuator passive distributor, M12, Hood version, Yes |
| Order No.  | <a href="#">1807641000</a>                                  |
| Type       | SAI-4-M 8P M12 UT                                           |
| GTIN (EAN) | 4032248279043                                               |
| Qty.       | 2 pc(s).                                                    |

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## Technical data

## Dimensions and weights

|            |       |
|------------|-------|
| Net weight | 123 g |
|------------|-------|

## Temperatures

|                       |            |
|-----------------------|------------|
| Operating temperature | -20 - 90°C |
|-----------------------|------------|

## Environmental Product Compliance

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

## Connection data

|                            |                     |                      |                      |
|----------------------------|---------------------|----------------------|----------------------|
| Sheathing stripping length | 100 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                     | 8     | 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

|                 |   |                             |    |
|-----------------|---|-----------------------------|----|
| Number of poles | 8 | 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 |

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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="#">WSCAD</a> |
|------------------|-----------------------|

|            |                                          |
|------------|------------------------------------------|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|------------------------------------------|

|           |                                                                        |
|-----------|------------------------------------------------------------------------|
| Brochures | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |
|-----------|------------------------------------------------------------------------|

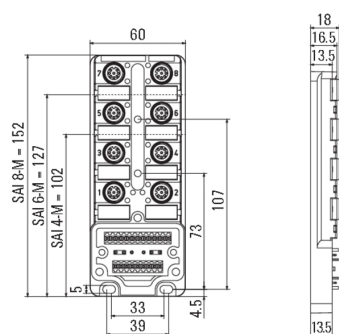
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# Drawings

## Dimensioned drawing



## Wiring diagram

