

**SAI-4-F 4P M12 L 10M****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, Fixed cable version, 10 m, Yes |
| Order No.  | <a href="#">1070660000</a>                                               |
| Type       | SAI-4-F 4P M12 L 10M                                                     |
| GTIN (EAN) | 4032248826858                                                            |
| Qty.       | 1 pc(s).                                                                 |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 144 mm  | Depth (inches)  | 5.669 inch |
| Height     | 18.2 mm | Height (inches) | 0.717 inch |
| Net weight | 919 g   |                 |            |

## Temperatures

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

## Environmental Product Compliance

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

## Connection data

|                            |        |                    |                     |
|----------------------------|--------|--------------------|---------------------|
| Sheathing stripping length | 100 mm | 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 | 3 A               |
| Total current                  | 9 A  | Current per signal                      | 2 A               |
| Electrical isolation available | No   | Insulation strength                     | 10 <sup>9</sup> Ω |

## General technical data

|                             |        |                                     |       |
|-----------------------------|--------|-------------------------------------|-------|
| Plug-in station coding      | A      | Protection degree                   | IP68  |
| Number of poles             | 4      | Cable pole count                    | 7     |
| 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    | PA 6 GF        | 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  | 2 Mio                                                 | Bending radius, min., moving      | 10 x cable diameter                                 |
| Colour coding   | blue, brown, yellow, grey, green, Green/yellow, white | Halogen                           | No                                                  |
| Number of poles | 4                                                     | O.D.                              | 7.5 mm                                              |
| Sheath material | PUR                                                   | Sheathing colour                  | black                                               |
| Shielded        | No                                                    | Wire cross section (Print/Online) | 16 x 0.34 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup> |
| Cable length    | 10 m                                                  | Suitable for cable carriers       | Yes                                                 |

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|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC002585    |
| ETIM 8.0    | 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 | ECLASS 12.0 | 27-44-01-08 |

**Approvals**

Approvals



|                         |            |
|-------------------------|------------|
| ROHS                    | Conform    |
| UL File Number Search   | UL Website |
| Certificate No. (cURus) | E92202     |

**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> |

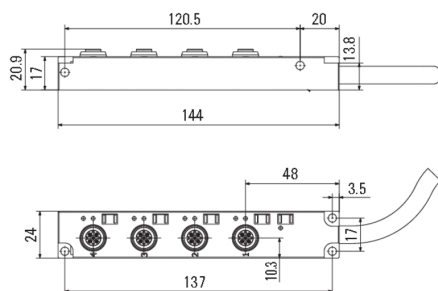
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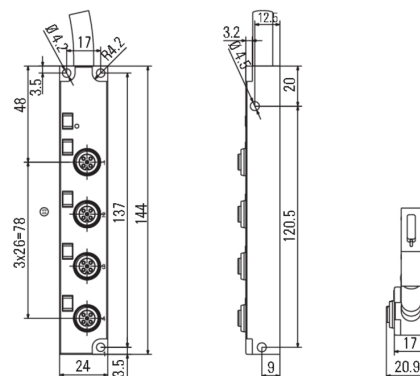
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## Drawings

### Dimensioned drawing



### Dimensioned drawing



### Wiring diagram