

**SAI-4/6/8-MHF 5P PUR25M****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    | Hood version, 30 V, , LED: No, LED initiator: No, Wiring type: None, 25 m |
| Order No.  | <a href="#">1791462500</a>                                                |
| Type       | SAI-4/6/8-MHF 5P PUR25M                                                   |
| GTIN (EAN) | 4032248666720                                                             |
| Qty.       | 1 pc(s).                                                                  |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 59.2 mm | Depth (inches)  | 2.331 inch |
| Height     | 32.5 mm | Height (inches) | 1.28 inch  |
| Net weight | 3,440 g |                 |            |

## Temperatures

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

## Connection data

|              |      |                    |              |
|--------------|------|--------------------|--------------|
| Cable glands | M 20 | Distributor outlet | Hood version |
|--------------|------|--------------------|--------------|

## Electrical data

|                                         |      |                     |      |
|-----------------------------------------|------|---------------------|------|
| Rated voltage, min.                     | 10 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 4 A  | Total current       | 10 A |
| Electrical isolation available          | No   |                     |      |

## General technical data

|                    |      |                 |    |
|--------------------|------|-----------------|----|
| Protection degree  | IP68 | Number of poles | 5  |
| Pollution severity | 3    | LED             | No |
| LED initiator      | No   |                 |    |

## Material data

|                       |                |                          |                |
|-----------------------|----------------|--------------------------|----------------|
| Housing main material | Pocan          | Material of distributor  | Plastic        |
| Housing colour        | grey, RAL 7032 | 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   | white, green, yellow, grey, pink, red, brown, black, violet, grey / pink, red / blue, white / green, white / yellow, Yellow / brown, white / grey, grey / brown, blue, Green/yellow | Halogen                           | No                                                  |
| Number of poles | 5                                                                                                                                                                                   | O.D.                              | 9.7 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    | 25 m                                                                                                                                                                                | Suitable for cable carriers       | Yes                                                 |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC002585    |
| ETIM 8.0    | EC002585    | ETIM 9.0    | EC002585    |
| ETIM 10.0   | 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 |
| ECLASS 13.0 | 27-44-01-08 | ECLASS 14.0 | 27-44-01-08 |
| ECLASS 15.0 | 27-44-01-08 |             |             |

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# Technical data

## Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

## Approvals

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

## Downloads

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