

**SAI-4/6/8-MHF 5P PUR 1M**

**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: ,<br>Wiring type: , 1 m |
| Order No.  | <a href="#">1791460100</a>  |
| Type       | SAI-4/6/8-MHF 5P PUR 1M   |
| GTIN (EAN) | 4050118312140   |
| Qty.       | 1 items   |

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## Technical data

## Approvals

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

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 59.2 mm | Depth (inches)  | 2.3307 inch |
| Height     | 32.5 mm | Height (inches) | 1.2795 inch |
| Net weight | 0.1 g   |                 |             |

## Temperatures

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

## Environmental Product Compliance

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

## Connection data

|             |      |                    |              |
|-------------|------|--------------------|--------------|
| Cable gland | 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 |

## General technical data

|                    |      |                 |    |
|--------------------|------|-----------------|----|
| Protection degree  | IP68 | Number of poles | 5  |
| Pollution severity | 3    | LED             | 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

|                 |        |                                   |   |
|-----------------|--------|-----------------------------------|---|
| Number of poles | 5      | Sheathing colour                  | black   |
| O.D.            | 9.7 mm | Shielded                          | No  |
| Halogen         | No     | Bending radius, min., moving      | 10 x cable diameter   |
| Bending cycles  | 2 Mio  | Wire cross section (Print/Online) | 16 x 0.34 mm <sup>2</sup> + 3 x 1.0 mm <sup>2</sup>   |
| Sheath material | PUR    | 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 |
| Cable length    | 1 m    | Suitable for cable carriers       | Yes   |

## Classifications

|           |          |             |             |
|-----------|----------|-------------|-------------|
| ETIM 8.0  | EC002585 | ETIM 9.0    | EC002585    |
| ETIM 10.0 | EC002585 | ECLASS 14.0 | 27-44-01-08 |

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**Technical data**

ECLASS 15.0

27-44-01-08

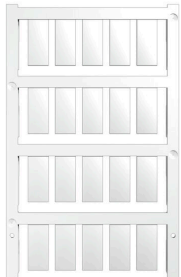
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## Accessories

www.weidmueller.com

## Blank



ESG is the tried-and-tested marker in MultiCard format for use on many well-known electrical devices. The result is high-quality device marking with a high-contrast appearance.

Various types are available for devices from manufacturers like Siemens, ABB, Beckhoff etc.

Advantages at a glance:

- Tags for universal usage, self-adhesive or clip-on tags, depending on type
- For aligned equipment, e.g. circuit breakers, we supply ESG markers for clipping onto tag rails
- Individual laser-quality printing according to specifications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

## General ordering data

|            |                            |         |  |
|------------|----------------------------|---------|--|
| Type       | ESG 9/20 MC NE WS          | Version |  |
| Order No.  | <a href="#">1609940000</a> |         | ESG, Device markers x 20 mm, PA 66, Colour: white, pluggable |
| GTIN (EAN) | 4008190203528              |         |  |
| Qty.       | 200 ST                     |         |  |