

**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    |
| 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 |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

REACH SVHC

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RoHS Compliance Status

Compliant without exemption

**Approvals**

ROHS

Conform

**Downloads**

Engineering Data

[CAD data – STEP](#)

Catalogues

[Catalogues in PDF-format](#)

Brochures

[FL FIELDWIRING EN](#)

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## Accessories

## Screwty® cable gland tool with torque function



## The ideal tool for any application

Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

## General ordering data

| Type       | SCREWTY SET -DM            | Version   | Packaging |
|------------|----------------------------|---|-----------|
| Order No.  | <a href="#">1920000000</a> | Cable gland tool for M8, M12 lines and connectors | Cardboard |
| GTIN (EAN) | 4032248436859              |   | box       |
| Qty.       | 1 pc(s).                   |   |           |

## M12



Protective caps protect unassigned plug-in stations against external influences.

## General ordering data

| Type       | SAI-SK-M12                 | Version  |
|------------|----------------------------|--|
| Order No.  | <a href="#">9456050000</a> | Protected component assemblies, Protective cap |
| GTIN (EAN) | 4008190304058              |  |
| Qty.       | 30 pc(s).                  |  |

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**Accessories****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 pc(s).                 |  |