

**SAI-4-M M12 1:1 SO UT****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**Similar to illustration**

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 distributor lower part, M12, 30 V, A-coded, LED: No, LED initiator: No, Wiring type: 1:1 |
| Order No.  | <a href="#">1044340000</a>  |
| Type       | SAI-4-M M12 1:1 SO UT   |
| GTIN (EAN) | 4032248776474   |
| Qty.       | 2 items   |

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## Technical data

## Approvals

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

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 102 mm  | Depth (inches)  | 4.0157 inch |
| Height     | 19.5 mm | Height (inches) | 0.7677 inch |
| Width      | 60 mm   | Width (inches)  | 2.3622 inch |
| Net weight | 124 g   |                 |             |

## Temperatures

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

## Environmental Product Compliance

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

## Connection data

|                      |                             |                      |       |
|----------------------|-----------------------------|----------------------|-------|
| Conductor O.D., min. | 6 mm                        | Conductor O.D., max. | 12 mm |
| Distributor outlet   | Hood distributor lower part |                      |       |

## 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   | Insulation resistance | 109 Ω |

## General technical data

|                   |      |                           |         |
|-------------------|------|---------------------------|---------|
| Protection degree | IP67 | Plug-in station coding    | A-coded |
| Number of poles   | 5    | Number of contact sockets | 4       |
| Connection thread | M12  | LED                       | No      |
| LED initiator     | No   |                           |         |

## Material data

|                  |      |                 |             |
|------------------|------|-----------------|-------------|
| Contact material | CuZn | Contact surface | Gold-plated |
|------------------|------|-----------------|-------------|

## Technical data cable

|                      |      |                             |       |
|----------------------|------|-----------------------------|-------|
| Number of poles      | 5    | Conductor O.D., max.        | 12 mm |
| Conductor O.D., min. | 6 mm | Suitable for cable carriers | No    |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC003558    |
| ETIM 8.0    | EC003558    | ETIM 9.0    | EC003558    |
| ETIM 10.0   | 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 |
| ECLASS 13.0 | 27-44-01-11 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 |             |             |

**Drawings**

**Similar to illustration**

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**Dimensioned drawing**

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**Wiring diagram**

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**Accessories****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 ST                      |  |  |

**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   |  |
| Order No.  | <a href="#">1920000000</a> | Cable gland tool for M8, M12 lines and connectors |  |
| GTIN (EAN) | 4032248436859              |   |  |
| Qty.       | 1 ST                       |   |  |

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Germany[www.weidmueller.com](http://www.weidmueller.com)**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 ST                     |  |