

**SAI-AU M12 SB 4AI****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



The trend from IP 20 to IP 67, or rather from machines with cabinets to ones without, reaches its zenith in the IP 67 I/O slaves. In these Plug & Play solutions, the connection of individual conductors is avoided completely. This results in a substantial time-saving and eliminates mistakes in the connection of individual conductors. Today, IP 67 bus modules represent the most modern solution for the connection of sensors and actuators with the best cost-saving potential.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Version    | SAI Active, Subbus         |
| Order No.  | <a href="#">1938690000</a> |
| Type       | SAI-AU M12 SB 4AI          |
| GTIN (EAN) | 4032248612673              |
| Qty.       | 1 pc(s).                   |

## SAI-AU M12 SB 4AI

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## Technical data

## Dimensions and weights

|            |        |                 |            |
|------------|--------|-----------------|------------|
| Height     | 32 mm  | Height (inches) | 1.26 inch  |
| Width      | 30 mm  | Width (inches)  | 1.181 inch |
| Length     | 155 mm | Length (inches) | 6.102 inch |
| Net weight | 274 g  |                 |            |

## Temperatures

|                     |                |                       |              |
|---------------------|----------------|-----------------------|--------------|
| Storage temperature | -25 °C...85 °C | Operating temperature | 0 °C...60 °C |
|---------------------|----------------|-----------------------|--------------|

## Connections

|                               |                                |                                |                               |
|-------------------------------|--------------------------------|--------------------------------|-------------------------------|
| Connection to Subbus (SUB-IN) | 1 x M8 plug 4-pole, A-coded    | Connection to Subbus (SUB-OUT) | 1 x M8 female 4-pole, A-coded |
| I/O connections               | 4 x M12 female, 5-pole A-coded |                                |                               |

## Digital inputs

|                      |     |
|----------------------|-----|
| Diagnosis indication | red |
|----------------------|-----|

## Digital outputs

|                      |     |
|----------------------|-----|
| Diagnosis indication | red |
|----------------------|-----|

## General data

|                           |            |                   |         |
|---------------------------|------------|-------------------|---------|
| Certificate               | CE, cULus  | Earth             | < 200 g |
| Housing main material     | Pocan, PBT | Protection degree | IP67    |
| UL 94 flammability rating | 5VA        |                   |         |

## Supply voltage

|                             |                     |                   |      |
|-----------------------------|---------------------|-------------------|------|
| Limits                      | 18 V DC ... 30 V DC | Operating voltage | 24 V |
| Reverse polarity protection | Yes                 |                   |      |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001596    | ETIM 7.0    | EC001596    |
| ETIM 8.0    | EC001596    | ETIM 9.0    | EC001596    |
| ETIM 10.0   | EC001596    | ECLASS 9.0  | 27-24-26-01 |
| ECLASS 9.1  | 27-24-26-01 | ECLASS 10.0 | 27-24-26-01 |
| ECLASS 11.0 | 27-24-26-01 | ECLASS 12.0 | 27-24-26-01 |
| ECLASS 13.0 | 27-24-26-01 | ECLASS 14.0 | 27-24-26-01 |
| ECLASS 15.0 | 27-24-26-01 |             |             |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Approvals**

Approvals



|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID         | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319228/-T1z1mm-S800/</a> |
| ROHS                    | Conform                                                                                                                                                                                                                                                                                                                                                 |
| UL File Number Search   | UL Website                                                                                                                                                                                                                                                                                                                                              |
| Certificate no. (cULus) | E141197                                                                                                                                                                                                                                                                                                                                                 |

**Environmental Product Compliance**

|                                      |                                                               |
|--------------------------------------|---------------------------------------------------------------|
| RoHS Compliance Status               | Compliant with exemption                                      |
| RoHS Exemption (if applicable/known) | 6c, 7a, 7cl                                                   |
| REACH SVHC                           | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP                                 | 30ca4bfe-b33c-43ed-b218-3746bc09f6a6                          |

**Downloads**

|                                             |                                                                                                                                                               |
|---------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">Declaration of Conformity DE PN45</a><br><a href="#">CE Declaration of Conformity - DE</a><br><a href="#">UKCA Declaration of Conformity - EN</a> |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                                                               |
| User Documentation                          | <a href="#">MAN UR67 SAI-Aktive Universal Pro DE</a><br><a href="#">MAN UR67 SAI-Aktive Universal Pro EN</a>                                                  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                                                                      |
| Brochures                                   |                                                                                                                                                               |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****M8**

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

**General ordering data**

|            |                            |                                                |
|------------|----------------------------|------------------------------------------------|
| Type       | SAI-SK M8                  | Version                                        |
| Order No.  | <a href="#">1802760000</a> | Protected component assemblies, Protective cap |
| GTIN (EAN) | 4032248257379              |                                                |
| Qty.       | 50 pc(s).                  |                                                |

**M12**

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

**General ordering data**

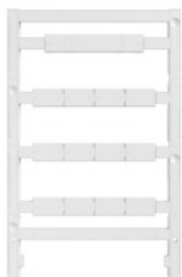
|            |                            |                                                |
|------------|----------------------------|------------------------------------------------|
| Type       | SAI-SK-M12-UNI 2029        | Version                                        |
| Order No.  | <a href="#">2330260000</a> | Protected component assemblies, Protective cap |
| GTIN (EAN) | 4032248592067              |                                                |
| Qty.       | 20 pc(s).                  |                                                |

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[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 8/13.5/43.3 SAI AU     | Version                                                    |
| Order No.  | <a href="#">1912130000</a> | ESG, Device markers x 13.5 mm, PA 66, Colour: Transparent, |
| GTIN (EAN) | 4032248541164              | pluggable                                                  |
| Qty.       | 5 pc(s).                   |                                                            |