

SAI-AU M12 SB 4THERMO

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

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. | 1938720000 |
| Type | SAI-AU M12 SB 4THERMO |
| GTIN (EAN) | 4032248612703 |
| Qty. | 1 pc(s). |

SAI-AU M12 SB 4THERMO

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

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 | 282 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 | Input filter | configurable |
|----------------------|-----|--------------|--------------|

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 | EC001601 | ETIM 7.0 | EC001601 |
| ETIM 8.0 | EC001601 | ECLASS 9.0 | 27-24-26-05 |
| ECLASS 9.1 | 27-24-26-90 | ECLASS 10.0 | 27-24-26-05 |
| ECLASS 11.0 | 27-24-26-05 | ECLASS 12.0 | 27-24-26-05 |

Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3 |
| SCIP | 30ca4bfe-b33c-43ed-b218-3746bc09f6a6 |

SAI-AU M12 SB 4THERMO

Weidmüller Interfaces GmbH & Co. KG

Postfach 3030

32760 Detmold

Tel. +49 5231 14-0

Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

Technical data

Approvals

Approvals



| | |
|-------------------------|------------|
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E141197 |

Downloads

| | |
|---|--|
| Approval/Certificate/Document of Conformity | Declaration of Conformity_DE_PN45 UKCA Subbus |
| Engineering Data | CAD data – STEP |
| Engineering Data | WSCAD |
| Catalogues | Catalogues in PDF-format |
| Brochures | |