Data sheet

# SAI-04D-VPPP-5A-M12O-OL2-EX

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

www.weidmueller.com



Passive M12 distributors are available in all conceivable forms and configurations. Furthermore, a number of special versions, e.g. SAI distributors for EX zones or the ergonomic M8, are available only from Weidmüller. These innovative products are backed up by numerous proprietary rights.

## General ordering data

| | |
|---|---|
| Version | Hood version Ex, M12, 30 V, A-coded, LED: No, LED initiator: No, Wiring type: PNP |
| Order No. | 2943810000 |
| Type | SAI-04D-VPPP-5A-M12O-OL2-EX |
| GTIN (EAN) | 4099986729988 |
| Qty. | 1 items |

# Data sheet

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# Technical data

### Approvals

Approvals

### Dimensions and weights

| | | | |
|---|---|---|---|
| Depth | 60 mm | Depth (inches) | 2.3622 inch |
| Height | 41.5 mm | Height (inches) | 1.6339 inch |
| Length | 102 mm | Length (inches) | 4.0157 inch |
| Net weight | 225 g | | |

### Temperatures

| | |
|---|---|
| Operating temperature | -40 - 60°C |

### Environmental Product Compliance

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

### Connection data

| | | | |
|---|---|---|---|
| Wire connection method | PUSH IN | Cable gland | M 20 |
| Conductor cross-section (rated connection), min. | 0.14 mm² | Conductor cross-section (rated connection), max. | 1.5 mm² |
| Wire connection cross section AWG, min. | AWG 26 | Wire connection cross section AWG, max. | AWG 16 |
| Solid, min. H05(07) V-U | 0.14 mm² | Solid, max. H05(07) V-U | 1.5 mm² |
| Flexible, min. H05(07) V-K | 0.14 mm² | Flexible, max. H05(07) V-K | 1.5 mm² |
| w. plastic collar ferrule, DIN 46228 pt 4, min. | 0.28 mm² | w. plastic collar ferrule, DIN 46228 pt 4, max. | 1 mm² |
| w. wire end ferrule, DIN 46228 pt 1, min. | 0.25 mm² | w. wire end ferrule, DIN 46228 pt 1, max. | 1 mm² |
| Distributor outlet | Hood version Ex | | |

### Electrical data

| | | | |
|---|---|---|---|
| Rated voltage, min. | 0 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 0.8 A | Total current | 0.8 A |
| Current per signal | 0.8 A | | |

### General technical data

| | | | |
|---|---|---|---|
| Protection degree | IP66, IP67 | Surge voltage category | III |
| Plug-in station coding | A-coded | Number of poles | 5 |
| Number of contact sockets | 4 | Connection thread | M12 |
| Pollution severity | 3 | Fire behaviour | V-0 |
| Plugging cycles | ≤ 50 | LED | No |
| LED initiator | No | | |

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## Technical data

### Material data

| | | | |
|---|---|---|---|
| Material O-Ring | FKM | Housing main material | Pocan |
| Housing colour | black (similar to RAL 9005) | Hood sealing material | Polyurethane foamed |
| Screw socket | Nickel-plated CuZn | Contact material | CuZn |
| Contact surface | Gold-plated | Contact carrier material | PBT (UL 94 V0) |
| Cable gland material | Plastic | | |

### Important note

| | |
|---|---|
| Product information | Included in delivery:<br>• 2 x Protection cap M12<br>• 1 x Cable gland M20x1.5<br>• 1 x MultiCard ESG 9/20 Device marker |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC003558 | ETIM 9.0 | EC003558 |
| ETIM 10.0 | EC003558 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 | | |

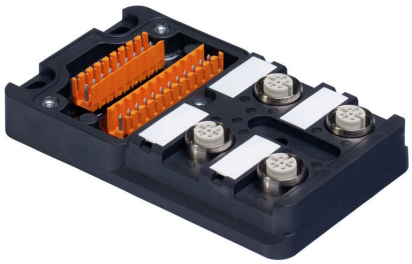
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## Drawings

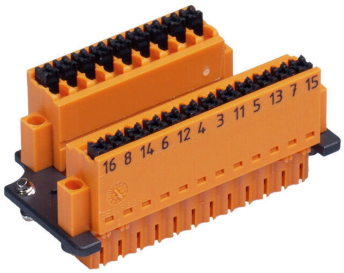
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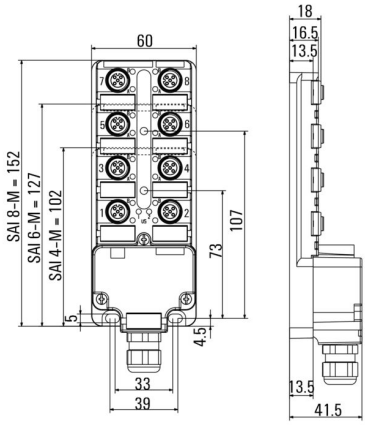
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### Miscellaneous




### Dimensioned drawing




### Wiring diagram

