

SAI-4-M-4P-M12-SVV**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Your peripheral devices should be supplied with greater power. With our new M12 plug-in connector, more than 250 V and 2 A is possible without problems. The compact A-, K-, L-, S- and T-coded M12 plug-in connectors are designed for the transmission of up to 630 V AC or 60 V DC and 12 A.

General ordering data

| | |
|------------|--|
| Version | Hood version, M12, 30 V, T-coded, LED: Yes, LED initiator: Yes, Wiring type: PNP |
| Order No. | 1431490000 |
| Type | SAI-4-M-4P-M12-SVV |
| GTIN (EAN) | 4050118236903 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E141197

Dimensions and weights

Net weight 168.08 g

Temperatures

Operating temperature -20 - 80°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 |
| Cable gland | M 20 | Clamping range, min. | 0.5 mm ² |
| Clamping range, max. | 4 mm ² | Distributor outlet | Hood version |

Electrical data

| | | | |
|---|-------|--------------------------------|------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 10 A | Total current | 32 A |
| Current per signal | 10 A | Electrical isolation available | No |
| Insulation resistance | 108 Ω | | |

General technical data

| | | | |
|-------------------------------------|--------|-----------------------------|---------|
| Protection degree | IP68 | Plug-in station coding | T-coded |
| Number of poles | 4 | Number of contact sockets | 4 |
| Connection thread | M12 | Pollution severity | 3 |
| Fire behaviour | V-0 | Plugging cycles | ≤ 50 |
| LED | Yes | LED initiator | Yes |
| LED colour for indicating operation | yellow | LED colour for I/O function | yellow |

Material data

| | | | |
|-----------------------|--------------------|--------------------------|----------------|
| Housing main material | Pocan | Material of distributor | Plastic |
| Housing colour | grey, RAL 7032 | Hood sealing material | Viton |
| Screw socket | Nickel-plated CuZn | Contact material | CuZn |
| Contact surface | Gold-plated | Contact carrier material | PBT (UL 94 V0) |

Technical data cable

| | | | |
|----------------------|------|-----------------------------|-------|
| Number of poles | 4 | Conductor O.D., max. | 12 mm |
| Conductor O.D., min. | 6 mm | Suitable for cable carriers | No |

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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 | | |

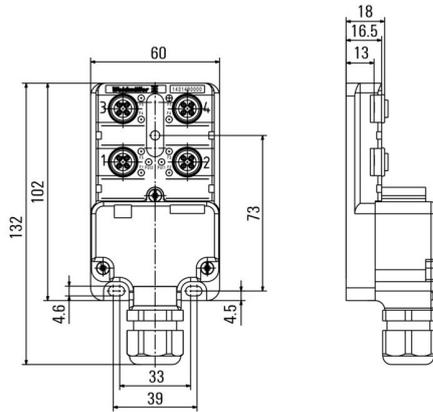
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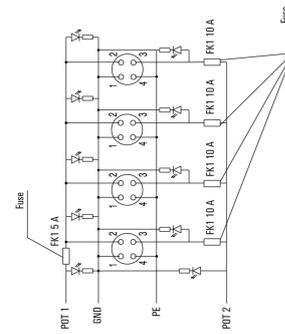
Drawings

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Dimensioned drawing



Wiring diagram



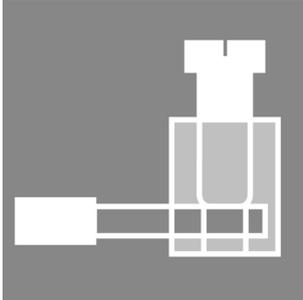
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Accessories

Screw connection



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General ordering data

| | | | |
|------------|----------------------------|---------------------------------|--|
| Type | SAISGS-P-4T-8/10-M12 | Version | |
| Order No. | 1391970000 | Field attachable connector, M12 | |
| GTIN (EAN) | 4050118192278 | | |
| Qty. | 1 ST | | |
| Type | SAISWS-P-4T-8/10-M12 | Version | |
| Order No. | 1467880000 | Field attachable connector, M12 | |
| GTIN (EAN) | 4050118273380 | | |
| Qty. | 1 ST | | |