

SAI-06L-VPFC-04A-M12L-PNP-05U12**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



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 | Sensor-actuator passive distributor, M12, Fixed cable version, 5 m, Yes |
| Order No. | 1265920000 |
| Type | SAI-06L-VPFC-04A-M12L-PNP-05U12 |
| GTIN (EAN) | 4050118055702 |
| Qty. | 1 pc(s). |

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Catalogue status 03.03.2023 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | |
|------------|-------|
| Net weight | 350 g |
|------------|-------|

Temperatures

| | | | |
|-----------------------------|------------|-----------------------------|--------|
| Operating temperature | -20 - 80°C | Operating temperature, min. | -20 °C |
| Operating temperature, max. | 80 °C | | |

Connection data

| | |
|--------------------|---------------------|
| Distributor outlet | Fixed cable version |
|--------------------|---------------------|

Electrical data

| | | | |
|---|------|---------------------|------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 3 A | Total current | 9 A |
| Current per signal | 2 A | | |

General technical data

| | | | |
|------------------------|-----|---------------------------|------|
| Plug-in station coding | A | Protection degree | IP68 |
| Number of poles | 4 | Number of contact sockets | 6 |
| Connection thread | M12 | Pollution severity | 3 |
| Fire behaviour | V-0 | LED | Yes |

Material data

| | | | |
|-----------------------|--------------------|--------------------------|-----------------------------|
| Housing main material | PBT | Housing colour | black (similar to RAL 9005) |
| Screw socket | Nickel-plated CuZn | Contact material | CuZn |
| Contact surface | Gold-plated | Contact carrier material | PBT (UL 94 V0) |

Technical data cable

| | | | |
|-----------------|--|-----------------------------------|--|
| Bending cycles | 2 Mio | Bending radius, min., moving | 10 x cable diameter |
| Colour coding | red, pink, green, grey, yellow, brown, blue, Green/yellow, white | Halogen | No |
| Number of poles | 4 | O.D. | 7.8 mm |
| Sheath material | PUR | Sheathing colour | black |
| Shielded | No | Wire cross section (Print/Online) | 6 x 0.34 mm ² + 3 x 1.0 mm ² |
| Cable length | 5 m | Suitable for cable carriers | Yes |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002585 | ETIM 7.0 | EC002585 |
| ETIM 8.0 | EC002585 | ECLASS 9.0 | 27-44-01-08 |
| ECLASS 9.1 | 27-44-01-08 | ECLASS 10.0 | 27-44-01-08 |
| ECLASS 11.0 | 27-44-01-08 | ECLASS 12.0 | 27-44-01-08 |

Environmental Product Compliance

| | |
|------------|----------------|
| REACH SVHC | Lead 7439-92-1 |
|------------|----------------|

Data sheet**SAI-06L-VPFC-04A-M12L-PNP-05U12****Weidmüller Interface GmbH & Co. KG**
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Technical data**Approvals**

Approvals



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Certificate No. (cURus) E92202

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