

SAI-06L-VPFC-4A-M08L-PNP-10U05

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

www.weidmueller.com



The new slim M8 line from Weidmüller. This range of products is characterised by the marking options at all connection positions. Even the 4-way distributor with 8-pole M12 has adequately large markers at all M8 connection positions. Furthermore, this distributor is shorter than many conventional M8 designs.

- Very narrow, short and flat M8 distributor.
- The range is supplied with 4 to 12 M8 connection positions, 3 or 4 poles.
- Hybrid variants of the M8 are also possible on request.
- The M8 line is equipped with transverse holes.

General ordering data

| | |
|------------|---|
| Version | Fixed cable version, M8, 30 V, , LED: Yes, LED initiator: Yes, Wiring type: PNP, 10 m |
| Order No. | 1849670000 |
| Type | SAI-06L-VPFC-4A-M08L-PNP-10U05 |
| GTIN (EAN) | 4032248376667 |
| Qty. | 1 items |

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Technical data

Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate No. (cURus) E92202

Dimensions and weights

| | | | |
|------------|----------|-----------------|-------------|
| Depth | 18.2 mm | Depth (inches) | 0.7165 inch |
| Height | 118 mm | Height (inches) | 4.6457 inch |
| Width | 24 mm | Width (inches) | 0.9449 inch |
| Net weight | 854.48 g | | |

Temperatures

Operating temperature -25 - 80°C

Environmental Product Compliance

RoHS Compliance Status Compliant without exemption

REACH SVHC No SVHC above 0.1 wt%

Connection data

Sheathing stripping length 100 mm Distributor outlet Fixed cable version

Electrical data

| | | | |
|--------------------------------|------|---|-------|
| Rated voltage, min. | 10 V | Rated voltage, max. | 30 V |
| Test voltage | 1 kV | Max. current-carrying capacity per slot | 2 A |
| Total current | 6 A | Current per signal | 1 A |
| Electrical isolation available | No | Insulation resistance | 109 Ω |

General technical data

| | | | |
|-------------------------------------|-------|-----------------------------|--------|
| Protection degree | IP68 | Number of poles | 4 |
| Number of contact sockets | 6 | Connection thread | M8 |
| Pollution severity | 3 | Fire behaviour | V-0 |
| LED | Yes | LED initiator | Yes |
| LED colour for indicating operation | green | LED colour for I/O function | yellow |

Material data

| | | | |
|-------------------------|--------------------|--------------------------|-----------------------------|
| Material O-Ring | FKM | Housing main material | PBT |
| Material of distributor | Plastic | 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

| | | | |
|-----------------|--------|------------------|-------|
| Number of poles | 4 | Sheathing colour | black |
| O.D. | 7.7 mm | Shielded | No |

Creation date 24.02.2026 11:11:21 MEZ

Catalogue status / Drawings

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Technical data

| | | | |
|-----------------------------|-------|-----------------------------------|--|
| Halogen | No | Bending radius, min., moving | 10 x cable diameter |
| Bending cycles | 2 Mio | Wire cross section (Print/Online) | 12 x 0.34 mm ² + 2 x 0.75 mm ² |
| Sheath material | PUR | Cable length | 10 m |
| Suitable for cable carriers | Yes | | |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC002585 | ETIM 9.0 | EC002585 |
| ETIM 10.0 | EC002585 | ECLASS 14.0 | 27-44-01-08 |
| ECLASS 15.0 | 27-44-01-08 | | |

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Drawings

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Dimensioned drawing

Wiring



Pole scheme

