

SAI-10L-VP12-3A-M08L-PNP**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 | with M12 outlet, 12-pole, A-coded, M8, 30 V, , LED: Yes, LED initiator: Yes, Wiring type: PNP |
| Order No. | 1877950000 |
| Type | SAI-10L-VP12-3A-M08L-PNP |
| GTIN (EAN) | 4032248528707 |
| Qty. | 1 pc(s). |

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Technical data

Dimensions and weights

| | |
|------------|-------|
| Net weight | 128 g |
|------------|-------|

Temperatures

| | |
|-----------------------|------------|
| Operating temperature | -25 - 80°C |
|-----------------------|------------|

Connection data

| | | | |
|----------------------------|--------|--------------------|-----------------------------------|
| Sheathing stripping length | 100 mm | Distributor outlet | with M12 outlet, 12-pole, A-coded |
|----------------------------|--------|--------------------|-----------------------------------|

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 |
| Insulation strength | 10 ⁹ Ω | | |

General technical data

| | | | |
|-------------------------------------|-------|-----------------------------|--------|
| Protection degree | IP68 | Number of poles | 3 |
| Number of contact sockets | 10 | 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 | 3 | Suitable for cable carriers | No |
|-----------------|---|-----------------------------|----|

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC002585 | ETIM 7.0 | EC003558 |
| ETIM 8.0 | EC003558 | ETIM 9.0 | EC003558 |
| ECLASS 9.0 | 27-44-01-08 | ECLASS 9.1 | 27-44-01-08 |
| ECLASS 10.0 | 27-44-01-11 | ECLASS 11.0 | 27-44-01-11 |
| ECLASS 12.0 | 27-44-01-11 | ECLASS 13.0 | 27-44-01-11 |

Environmental Product Compliance

| | |
|------------|--------------------------------------|
| REACH SVHC | Lead 7439-92-1 |
| SCIP | 4060c755-8d0b-4d43-bdb3-4ffabe9d7497 |

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www.weidmueller.com**Technical data****Approvals**

Approvals



ROHS

Conform

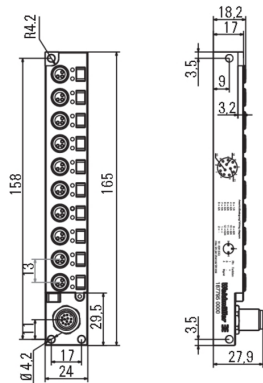
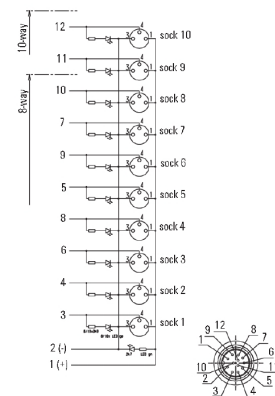
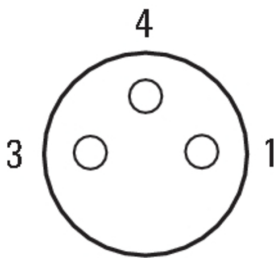
Downloads

| | |
|-----------------------------|--|
| Engineering Data | CAD data – STEP |
| Product Change Notification | 20211208 Technical change to SAI M8 Line Distribution Boxes 20211208 Technische Änderung zu SAI M8 Line Verteiler |
| Catalogues | Catalogues in PDF-format |
| Brochures | FL FIELDWIRING EN FL FIELDWIRING EN |

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Drawings**Dimensioned drawing****Wiring diagram****Pole scheme**

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www.weidmueller.com**Accessories****Blank**

MultiFit is the Weidmüller marker system used for other makes of terminals. Similar to the Weidmüller Dekafix, the markers of the MultiFit family are available ready-for-use with standard printing.

We recommend to carry out a test with sample markers on the terminals used when using MultiFit for the first time.

- One marker, suitable for different makes of terminals.
- Ready-to-use markers with standard printing
- Blank markers for printing with the PrintJet CONNECT or Plotter
- Delivery of individually printed markers according to customer CAE data or specifications
- One marking system for all applications

For custom printing: Please send us a file of our labeling software M-Print PRO or M-Print PRO Online (without installation) for your labeling specifications.

General ordering data

| | | |
|------------|----------------------------|--|
| Type | MFF 10/6 MC NE WS | Version |
| Order No. | 1856780000 | MultiFit, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Festo, |
| GTIN (EAN) | 4032248400881 | white |
| Qty. | 600 pc(s). | |