

**SAI-06L-VP12-3A-M08O-PNP****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://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, 8-pole, A-coded, M8, 30 V, , LED: Yes, LED initiator: No, Wiring type: PNP |
| Order No.  | <a href="#">1932380000</a>                                                                  |
| Type       | SAI-06L-VP12-3A-M08O-PNP                                                                    |
| GTIN (EAN) | 4032248582815                                                                               |
| Qty.       | 1 pc(s).                                                                                    |

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## Technical data

## Dimensions and weights

|            |      |
|------------|------|
| Net weight | 81 g |
|------------|------|

## Temperatures

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

## Connection data

|                            |        |                    |                                  |
|----------------------------|--------|--------------------|----------------------------------|
| Sheathing stripping length | 100 mm | Distributor outlet | with M12 outlet, 8-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               |
| Electrical isolation available | No   | Insulation strength                     | 10 <sup>9</sup> Ω |

## General technical data

|                                     |       |                   |     |
|-------------------------------------|-------|-------------------|-----|
| Protection degree                   | IP68  | Number of poles   | 3   |
| Number of contact sockets           | 6     | Connection thread | M8  |
| Pollution severity                  | 3     | Fire behaviour    | V-0 |
| LED                                 | Yes   | LED initiator     | No  |
| LED colour for indicating operation | green |                   |     |

## 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    |
| ETIM 10.0   | 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 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 |             |             |

## Environmental Product Compliance

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

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Approvals



|                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319230/-T1z1mm-S800/</a> <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319260/-T1z1mm-S800/</a> |
|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

|                       |            |
|-----------------------|------------|
| UL File Number Search | UL Website |
|-----------------------|------------|

|                         |        |
|-------------------------|--------|
| Certificate No. (cURus) | E92202 |
|-------------------------|--------|

**Downloads**

|                  |                                 |
|------------------|---------------------------------|
| Engineering Data | <a href="#">CAD data – STEP</a> |
|------------------|---------------------------------|

|                             |                                                                                                                                                      |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Change Notification | <a href="#">20211208 Technical change to SAI M8 Line Distribution Boxes</a><br><a href="#">20211208 Technische Änderung zu SAI M8 Line Verteiler</a> |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|

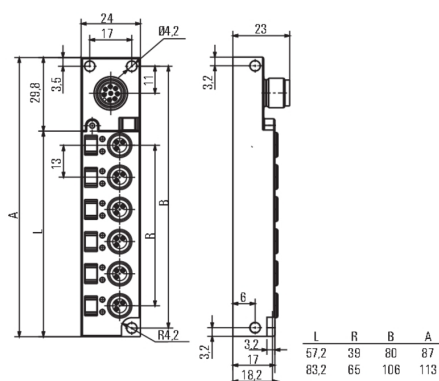
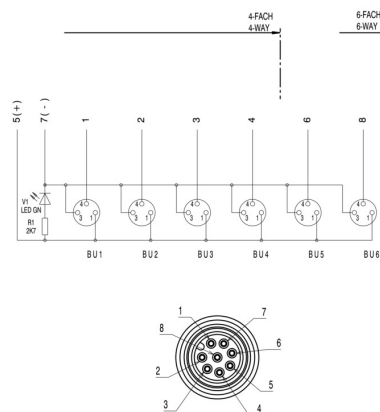
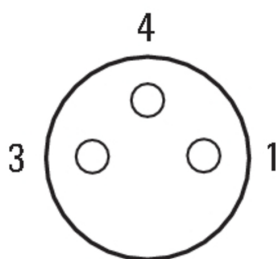
|            |                                          |
|------------|------------------------------------------|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|------------------------------------------|

|           |                                                                        |
|-----------|------------------------------------------------------------------------|
| Brochures | <a href="#">FL FIELDWIRING EN</a><br><a href="#">FL FIELDWIRING EN</a> |
|-----------|------------------------------------------------------------------------|

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**Drawings**
**Dimensioned drawing**

**Wiring diagram**

**Pole scheme**


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[www.weidmueller.com](http://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.  | <a href="#">1856780000</a> | MultiFit, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Festo, |
| GTIN (EAN) | 4032248400881              | white                                                              |
| Qty.       | 600 pc(s).                 |                                                                    |