

**SAI-06Z-MXPP-3A-M08L-PNP-10U02****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The new M8 hood distribution boxes are extremely compact and feature a comfortable PUSH IN connection. This allows a quick, safe and efficient cabling in the field.

A modular system is available for our hood distributors.

Individual markers offer the possibility of individual labeling of the distributor and the I/O sockets.

- 3- and 4-pole M8 I/O sockets
- 4, 6, 8 or 10 I/O sockets
- Protection class IP 67
- UL approval

**General ordering data**

|            |   |
|------------|---|
| Version    | Sensor-actuator passive distributor, M8, 10 m, Number of poles: 3, Number of contact sockets: 6 |
| Order No.  | <a href="#">2819140000</a>  |
| Type       | SAI-06Z-MXPP-3A-M08L-PNP-10U02  |
| GTIN (EAN) | 4064675330363   |
| Qty.       | 1 pc(s).  |

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## Technical data

## Dimensions and weights

|            |       |
|------------|-------|
| Net weight | 900 g |
|------------|-------|

## Temperatures

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

## Connection data

|                      |                      |                      |                     |
|----------------------|----------------------|----------------------|---------------------|
| Clamping range, min. | 0.08 mm <sup>2</sup> | Clamping range, max. | 1.5 mm <sup>2</sup> |
|----------------------|----------------------|----------------------|---------------------|

## Electrical data

|   |      |                     |      |
|---|------|---------------------|------|
| Rated voltage, min.                     | 15 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 2 A  | Current per signal  | 2 A  |
| Electrical isolation available          | No   |                     |      |

## General technical data

|                           |      |                   |     |
|---------------------------|------|-------------------|-----|
| Protection degree         | IP67 | Number of poles   | 3   |
| Number of contact sockets | 6    | Connection thread | M8  |
| Pollution severity        | 3    | Fire behaviour    | V-0 |
| LED                       | No   | LED initiator     | No  |

## Material data

|                          |                |                       |                             |
|--------------------------|----------------|-----------------------|-----------------------------|
| Material O-Ring          | FKM            | Housing main material | PBT                         |
| Material of distributor  | Plastic        | Housing colour        | black (similar to RAL 9005) |
| Hood sealing material    | FKM            | 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  |
| Bending radius, min., stationary | 10 x cable diameter | Colour coding                | white, green, yellow, black, brown / green, grey, grey / pink, pink, red, red / blue, violet, white / green, white / grey, white / yellow, grey / brown, blue, brown, Yellow / brown |
| Halogen                          | No                  | Number of poles              | 3  |
| Sheath material                  | PUR                 | Sheathing colour             | black  |
| Shielded                         | Yes                 | Cable length                 | 10 m   |
| Suitable for cable carriers      | No                  |                              |  |

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002585    | ETIM 7.0    | EC002585    |
| ETIM 8.0    | EC002585    | ETIM 9.0    | 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 | ECLASS 13.0 | 27-44-01-08 |
| ECLASS 14.0 | 27-44-01-08 |             |             |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Environmental Product Compliance**

REACH SVHC

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RoHS Compliance Status

Compliant without exemption

**Approvals**

Approvals



ROHS

Conform

**Downloads**

Engineering Data

[CAD data – STEP](#)

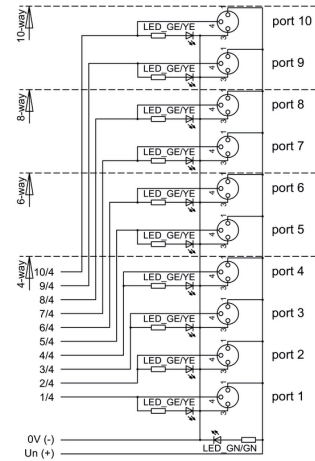
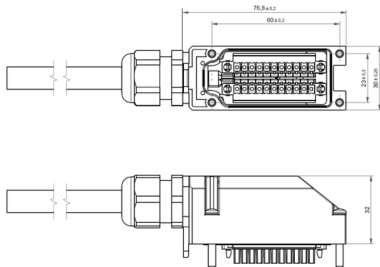
Catalogues

[Catalogues in PDF-format](#)

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**Drawings**

**Drawing**


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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).                 |  |