Data sheet

# SAI-06Z-VPUT-4A-M08L-PNP

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

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, LED: Yes, Number of poles: 4, Number of contact sockets: 6 |
| Order No. | 2819060000 |
| Type | SAI-06Z-VPUT-4A-M08L-PNP |
| GTIN (EAN) | 4064675330288 |
| Qty. | 1 items |

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## Technical data

### Approvals

| | |
|---|---|
| Approvals | |
| ROHS | Conform |
| UL File Number Search | UL Website |
| Certificate no. (cULus) | E141197 |

### Dimensions and weights

| | |
|---|---|
| Net weight | 125 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

| | | | |
|---|---|---|---|
| Conductor O.D., min. | 6 mm | Conductor O.D., max. | 12 mm |
| Conductor cross-section (rated connection), min. | 0.08 mm² | Conductor cross-section (rated connection), max. | 1.5 mm² |
| Distributor outlet | Hood distributor lower part | Type of connection | PUSH IN |

### Electrical data

| | | | |
|---|---|---|---|
| Rated voltage, min. | 15 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 2 A | Total current | 8 A |
| Current per signal | 2 A | Electrical isolation available | No |

### General technical data

| | | | |
|---|---|---|---|
| Protection degree | IP67 | 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) |
| 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

| | | | |
|---|---|---|---|
| Number of poles | 4 | Conductor O.D., max. | 12 mm |
| Conductor O.D., min. | 6 mm | Suitable for cable carriers | No |

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### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC003558 | ETIM 9.0 | EC003558 |
| ETIM 10.0 | EC003558 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 | | |

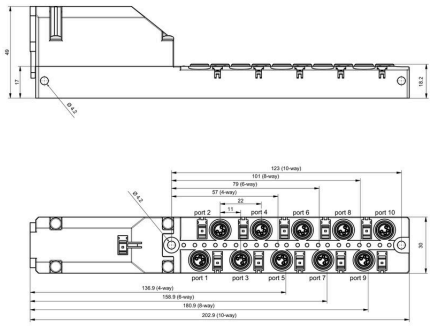
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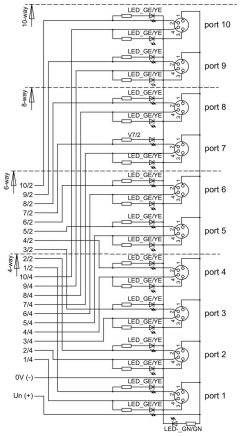
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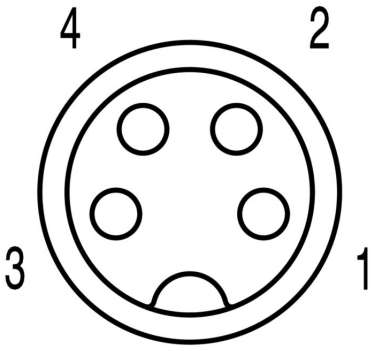
## Drawings

### Drawing






### Pole scheme



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## Accessories

### Screwty® cable gland tool with torque function



The ideal tool for any application
Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

#### General ordering data

| | | |
|---|---|---|
| Type | SCREWTY SET -DM | Version |
| Order No. | 1920000000 | Cable gland tool for M8, M12 lines and connectors |
| GTIN (EAN) | 4032248436859 | |
| Qty. | 1 ST | |

### M8



Protective caps protect unassigned plug-in stations against external influences.

#### General ordering data

| | | |
|---|---|---|
| Type | SAI-SK M8 | Version |
| Order No. | 1802760000 | Protected component assemblies, Protective cap |
| GTIN (EAN) | 4032248257379 | |
| Qty. | 50 ST | |

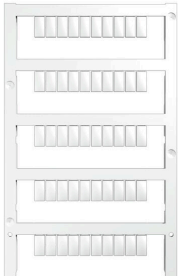
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## Accessories

### 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 ST | |