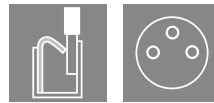


SAI-10Z-VPPP-3A-M08L-PNP

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: 3, Number of contact sockets: 10 |
| Order No. | 2818960000 |
| Type | SAI-10Z-VPPP-3A-M08L-PNP |
| GTIN (EAN) | 4064675329985 |
| 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 10 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 |
| Cable gland | M 20 | Clamping range, min. | 0.14 mm ² |
| Clamping range, max. | 1.5 mm ² | Wire connection cross section AWG, min. | AWG 24 |
| Wire connection cross section AWG, max. | AWG 16 | Solid, min. H05(07) V-U | 0.2 mm ² |
| Solid, max. H05(07) V-U | 1.5 mm ² | Flexible, min. H05(07) V-K | 0.2 mm ² |
| Flexible, max. H05(07) V-K | 1.5 mm ² | w. plastic collar ferrule, DIN 46228 pt 4, 0.14 mm ² min. | |
| w. plastic collar ferrule, DIN 46228 pt 4, 0.75 mm ² max. | | w. wire end ferrule, DIN 46228 pt 1, min. | 0.25 mm ² |
| w. wire end ferrule, DIN 46228 pt 1, max. | 1.5 mm ² | Distributor outlet | Hood distributor |
| Type of connection | PUSH IN | | |

Electrical data

| | | | |
|---|------|--------------------------------|------|
| Rated voltage, min. | 15 V | Rated voltage, max. | 30 V |
| Max. current-carrying capacity per slot | 4 A | Total current | 6 A |
| Current per signal | 2 A | Electrical isolation available | No |

General technical data

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

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Technical data

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 | 3 | Conductor O.D., max. | 12 mm |
| Conductor O.D., min. | 6 mm | Suitable for cable carriers | No |

Classifications

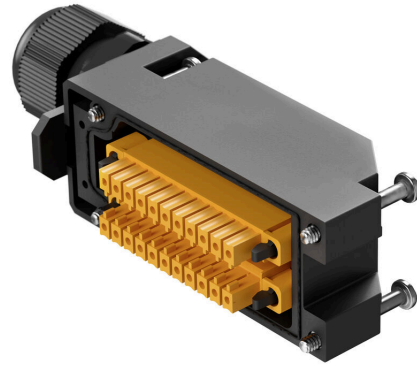
| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC003558 | ETIM 9.0 | EC003558 |
| ETIM 10.0 | EC003558 | ECLASS 14.0 | 27-44-01-11 |
| ECLASS 15.0 | 27-44-01-11 | | |

SAI-10Z-VPPP-3A-M08L-PNP

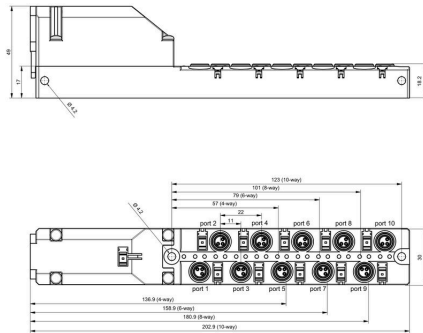
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Drawings

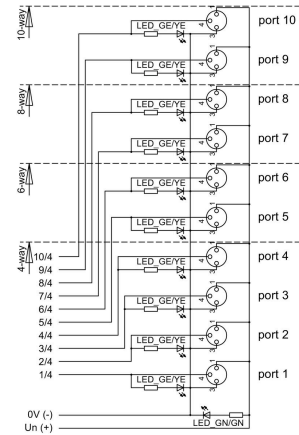
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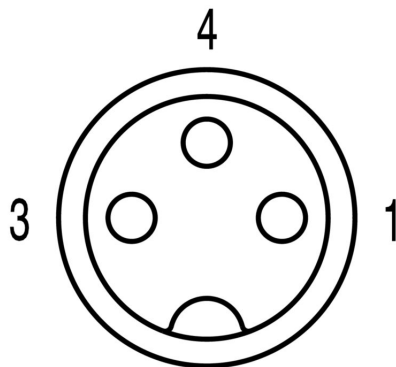
Drawing



Wiring diagram



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

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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 | | |