

**SAI-08Z-VPPP-3A-M08L-PNP****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, LED: Yes, Number of poles: 3, Number of contact sockets: 8
Order No.	<a href="#">2818950000</a>
Type	SAI-08Z-VPPP-3A-M08L-PNP
GTIN (EAN)	4064675329978
Qty.	1 pc(s).

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## Technical data

## Dimensions and weights

Net weight	10 g
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## Temperatures

Operating temperature	-25 - 80°C
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## Connection data

Cable glands	M 20	Clamping range, min.	0.08 mm <sup>2</sup>
Clamping range, max.	1.5 mm <sup>2</sup>	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	8	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	3	Suitable for cable carriers	No
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## 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
ECLASS 14.0	27-44-01-11		

## Environmental Product Compliance

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

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## Technical data

## Approvals

Approvals



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

## Downloads

Engineering Data	<a href="#">CAD data – STEP</a>
Catalogues	<a href="#">Catalogues in PDF-format</a>

**SAI-08Z-VPPP-3A-M08L-PNP**

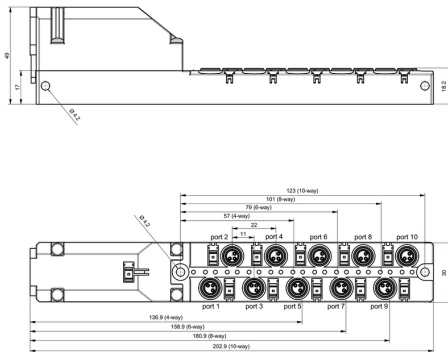
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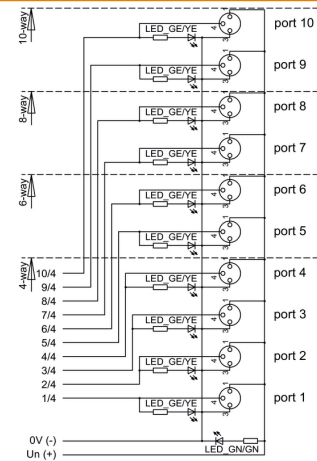
## Drawings



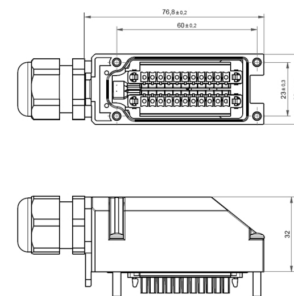
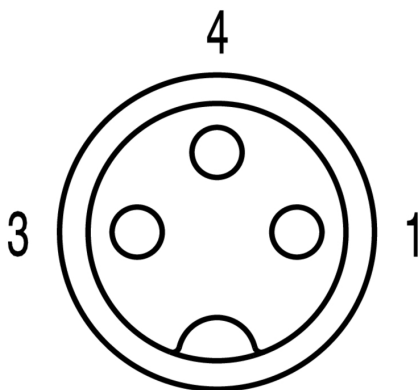
## Drawing



## Wiring diagram



## Pole scheme



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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.	<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).	

## 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	Packaging
Order No.	<a href="#">1920000000</a>	Cable gland tool for M8, M12 lines and connectors	Cardboard box
GTIN (EAN)	4032248436859		
Qty.	1 pc(s).		

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****M8**

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

**General ordering data**

Type	SAI-SK M8	Version
Order No.	<a href="#">1802760000</a>	Protected component assemblies, Protective cap
GTIN (EAN)	4032248257379	
Qty.	50 pc(s).	