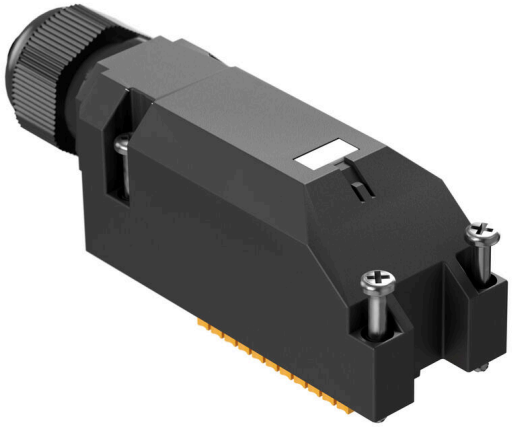
Data sheet

SAI-XXZ-MXPP-4X-M08X-XXX

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, Number of poles: 4
Order No.	2819250000
Type	SAI-XXZ-MXPP-4X-M08X-XXX
GTIN (EAN)	4064675330479
Qty.	1 items

Data sheet

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Net weight	75.68 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	Conductor cross-section (rated connection), min.	0.14 mm²
Conductor cross-section (rated connection), max.	1.5 mm²	Wire connection cross section AWG, min.	AWG 24
Wire connection cross section AWG, max.	AWG 16	Solid, min. H05(07) V-U	0.2 mm²
Solid, max. H05(07) V-U	1.5 mm²	Flexible, min. H05(07) V-K	0.2 mm²
Flexible, max. H05(07) V-K	1.5 mm²	w. plastic collar ferrule, DIN 46228 pt 4, min.	0.14 mm²
w. plastic collar ferrule, DIN 46228 pt 4, max.	0.75 mm²	w. wire end ferrule, DIN 46228 pt 1, min.	0.25 mm²
w. wire end ferrule, DIN 46228 pt 1, max.	1.5 mm²	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	4
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)

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Technical data

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

Classifications

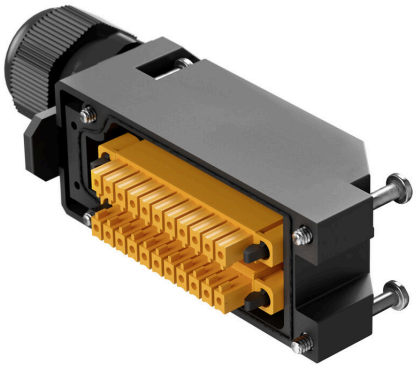
ETIM 8.0	EC003558	ETIM 9.0	EC003558
ETIM 10.0	EC003558	ECLASS 14.0	27-44-01-11
ECLASS 15.0	27-44-01-11		

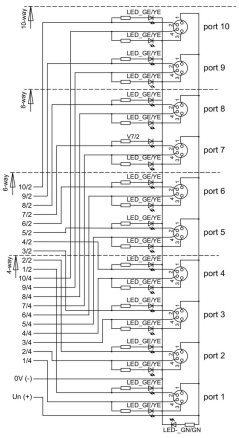
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Drawings





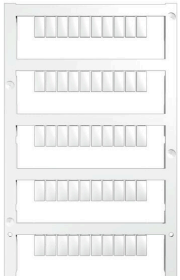
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Accessories

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	