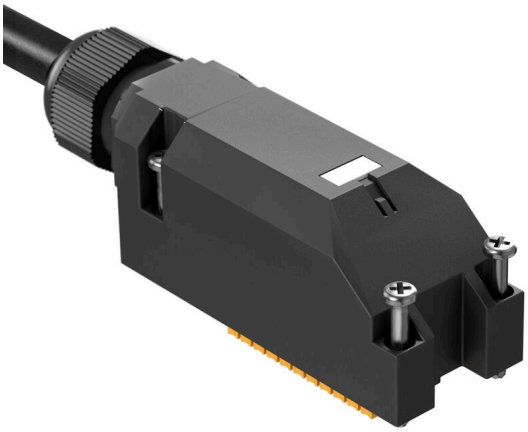
Data sheet

SAI-06Z-MXPP-4A-M08L-PNP-05U05

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, 5 m, Number of poles: 4, Number of contact sockets: 6
Order No.	2819180000
Type	SAI-06Z-MXPP-4A-M08L-PNP-05U05
GTIN (EAN)	4064675330400
Qty.	1 items

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Technical data

Approvals

Approvals	
ROHS	Conform

Dimensions and weights

Depth	30 mm	Depth (inches)	1.1811 inch
Height	32 mm	Height (inches)	1.2598 inch
Width	76.8 mm	Width (inches)	3.0236 inch
Net weight	469.04 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.	7.4 mm	Conductor O.D., max.	8 mm
Conductor cross-section (rated connection), min.	0.08 mm²	Conductor cross-section (rated connection), max.	1.5 mm²
Distributor outlet	Hood version		

Electrical data

Rated voltage, min.	15 V	Rated voltage, max.	30 V
Rated voltage	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
Cable pole count	14	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
Hood sealing material	FKM	Screw socket	Nickel-plated CuZn
Contact material	CuZn	Contact surface	Gold-plated
Contact carrier material	PBT (UL 94 V0)		

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Technical data

Technical data cable

Number of poles	4	Sheathing colour	black
Halogen	No	Conductor O.D., max.	8 mm
Conductor O.D., min.	7.4 mm	Bending radius, min., moving	10 x cable diameter
Bending cycles	2 Mio	Wire cross section (Print/Online)	12 x 0.34 mm² + 2 x 0.75 mm²
Sheath material	PUR	Colour coding	white, grey / pink, green, red / blue, yellow, white / green, grey, brown / green, pink, blue, brown, white / yellow, red, Yellow / brown
Cable length	5 m	Suitable for cable carriers	No

Classifications

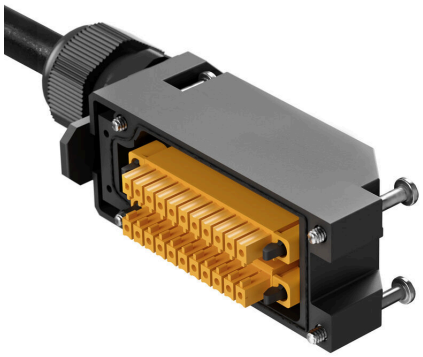
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ETIM 10.0	EC002585	ECLASS 14.0	27-44-01-08
ECLASS 15.0	27-44-01-08		

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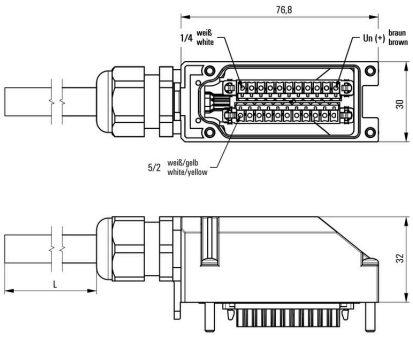
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Drawings



Detailed drawing



Wiring diagram

