

**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.	<a href="#">2819180000</a>
Type	SAI-06Z-MXPP-4A-M08L-PNP-05U05
GTIN (EAN)	4064675330400
Qty.	1 items

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

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

www.weidmueller.com

## Technical data

### Approvals

Approvals



ROHS Conform

### Dimensions and weights

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

Clamping range, min. 0.08 mm<sup>2</sup> Clamping range, max. 1.5 mm<sup>2</sup>

### Electrical data

Rated voltage, min.	15 V	Rated voltage, max.	30 V
Max. current-carrying capacity per slot	2 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	No	LED initiator	No

### 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	Sheathing colour	black
Shielded	Yes	Halogen	No
Bending radius, min., moving	10 x cable diameter	Bending radius, min., stationary	10 x cable diameter
Bending cycles	2 Mio	Sheath material	PUR
Colour coding	white, green, yellow, black, brown / green, grey, grey / pink, pink, red, red / blue, violet, white / green,	Cable length	5 m

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

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

[www.weidmueller.com](http://www.weidmueller.com)

## Technical data

white / grey, white /  
yellow, grey / brown, blue,  
brown, Yellow / brown

Suitable for cable carriers

No

### Classifications

ETIM 8.0	EC002585	ETIM 9.0	EC002585
ETIM 10.0	EC002585	ECLASS 14.0	27-44-01-08
ECLASS 15.0	27-44-01-08		

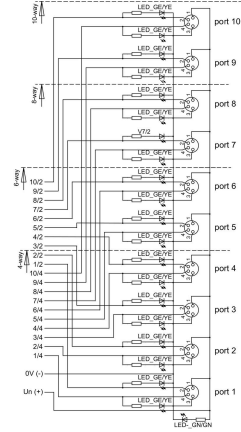
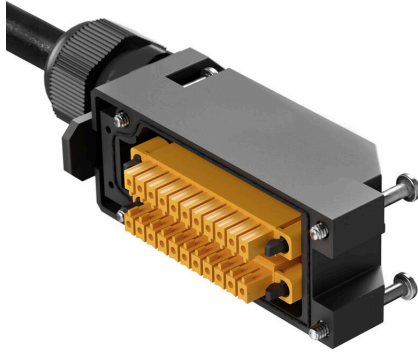
**SAI-06Z-MXPP-4A-M08L-PNP-05U05**

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

[www.weidmueller.com](http://www.weidmueller.com)

**Drawings**

**Wiring diagram**



**Detailed drawing**

