

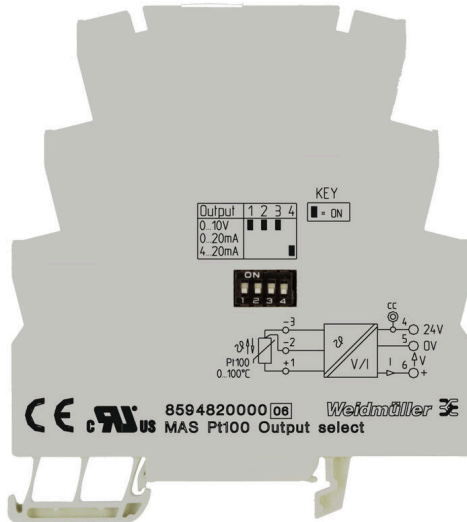
MAZ PT100 0...100C

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

www.weidmueller.com

Only remaining stock available, Do not use product for new developments

Similar to illustration



General ordering data

Version	RTD isolating transformer, Configurable, Input : Temperature, PT100 (2- wire), PT100 (3- wire), Output : 4-20 mA
Order No.	<a href="#">8594850000</a>
Type	MAZ PT100 0...100C
GTIN (EAN)	4032248252480
Qty.	1 items
Delivery status	Discontinued
Available until	2024-10-29T00:00:00+01:00
Alternative product	

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## Technical data

### Approvals

Approvals



ROHS Conform

UL File Number Search [UL Website](#)

Certificate no. (cULus) E141197

### Dimensions and weights

Depth	97.8 mm	Depth (inches)	3.8504 inch
Width	6.1 mm	Width (inches)	0.2402 inch
Length	92 mm	Length (inches)	3.622 inch
Net weight	41 g		

### Temperatures

Storage temperature	-20 °C...85 °C	Operating temperature	0 °C...55 °C
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### Environmental Product Compliance

RoHS Compliance Status	Compliant with exemption
RoHS Exemption (if applicable/known)	7a, 7cI
REACH SVHC	Lead 7439-92-1
SCIP	4c08c934-ef45-4df2-8269-ccadfff1d702

### Input

Number inputs	1	Type	PT100 2-/3-wire
Sensor supply	0.8 mA	Input voltage	0...1 V DC
Temperature input range	0...100 °C		

### Output

Number of outputs	1	load impedance voltage	≥ 10 kΩ
Load impedance current	≤ 400 Ω @ 24 V	Output voltage, note	0...10V / 0...5V
Output current	0...20 mA, 4...20 mA		

### General data

Accuracy	<0.5 % of measuring range	Protection degree	IP20
Supply voltage	24 V DC ± 10 %	Linearity	Yes
Step response time	<0.7 s	Mounting rail	TS 35
Power consumption	ca. 0.6 W	Temperature coefficient	≤ 250 ppm/K of final value
Configuration	DIP switch	Operating altitude	≤ 2000 m

### Insulation coordination

Impulse withstand voltage	1.5 kV	EMC standards	EN 55011, EN 61000-6 /-2, EN 61326
Surge voltage category	III	Pollution severity	2
Galvanic isolation	2-way isolator	Insulation voltage input or output/rail	500 Veff
Insulation voltage input or output/supply	500 Veff	Insulation voltage	500 Veff / 1 s
Rated voltage	100 V		

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**Technical data****Connection data**

Type of connection	Tension-clamp connection	Clamping range, rated connection	1.5 mm <sup>2</sup>
Clamping range, min.	0.5 mm <sup>2</sup>	Clamping range, max.	2.5 mm <sup>2</sup>

**Classifications**

ETIM 8.0	EC002919	ETIM 9.0	EC002919
ETIM 10.0	EC002919	ECLASS 14.0	27-21-01-29
ECLASS 15.0	27-21-01-29		

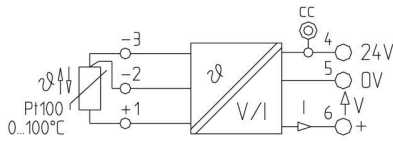
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Drawings

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

Electric symbol



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## Accessories

### End bracket



Weidmüller's range of products includes end brackets that guarantee a permanent, reliable mounting on the terminal rail and prevent sliding. Versions with and without screws are available. The end brackets include marking options, also for group markers, and also a test plug holder.

### General ordering data

Type	EW 35	Version	
Order No.	<a href="#">0383560000</a>	End bracket, beige, TS 35, V-2, Wemid, Width: 8.5 mm, 100 °C	
GTIN (EAN)	4008190181314		
Qty.	50 ST		

### Cross-connections



The distribution or multiplication of a potential to adjoining terminal blocks is realized via a cross-connection. Additional wiring effort can be easily avoided. Even if the poles are broken out, contact reliability in the terminal blocks is still ensured. Our portfolio offers pluggable and screwable cross-connection systems for modular terminal blocks.

### General ordering data

Type	ZQV 4N/4 RT	Version	
Order No.	<a href="#">1794010000</a>	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248233809		
Qty.	60 ST		
Type	ZQV 4N/3 RT	Version	
Order No.	<a href="#">1793980000</a>	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248233779		
Qty.	60 ST		
Type	ZQV 4N/10 BL	Version	
Order No.	<a href="#">1794050000</a>	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248234011		
Qty.	20 ST		
Type	ZQV 4N/2 RT	Version	
Order No.	<a href="#">1793950000</a>	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248233748		
Qty.	60 ST		
Type	ZQV 4N/10 SW	Version	
Order No.	<a href="#">1794060000</a>	W-Series, Cross-connector, 32 A	
GTIN (EAN)	4032248234059		
Qty.	20 ST		

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## Accessories

Type	ZQV 4N/41 RT	Version
Order No.	<a href="#">1794070000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234141	
Qty.	10 ST	
Type	ZQV 4N/41 SW	Version
Order No.	<a href="#">1794090000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234165	
Qty.	10 ST	
Type	ZQV 4N/2 SW	Version
Order No.	<a href="#">1793970000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233762	
Qty.	60 ST	
Type	ZQV 4N/41 BL	Version
Order No.	<a href="#">1794080000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234158	
Qty.	10 ST	
Type	ZQV 4N/10 RT	Version
Order No.	<a href="#">1794040000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248234004	
Qty.	20 ST	
Type	ZQV 4N/3 SW	Version
Order No.	<a href="#">1794000000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233793	
Qty.	60 ST	
Type	ZQV 4N/4 BL	Version
Order No.	<a href="#">1794020000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233816	
Qty.	60 ST	
Type	ZQV 4N/2 BL	Version
Order No.	<a href="#">1793960000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233755	
Qty.	60 ST	
Type	ZQV 4N/3 BL	Version
Order No.	<a href="#">1793990000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233786	
Qty.	60 ST	
Type	ZQV 4N/4 SW	Version
Order No.	<a href="#">1794030000</a>	W-Series, Cross-connector, 32 A
GTIN (EAN)	4032248233915	
Qty.	60 ST	

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## Accessories

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## Blank



WS markers are the perfect match for the W-series connectors. Thanks to their system compatibility, the WS tags can also be used with the I-series and the Z-series. The large marking surfaces do not only permit long character strings but also multi-line text. WS markers are ideal for labels with long, customised character strings. Thanks to the proven MultiCard format, printing with PrintJet CONNECT oder/or Plotter is possible.

- Can be fitted in strips or individually
- Markers in proven MultiCard format

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	WS 10/6 MC NE WS	Version
Order No.	<a href="#">1828450000</a>	WS, Terminal marker, 10 x 6 mm, Pitch in mm (P): 6.00 Weidmueller,
GTIN (EAN)	4032248350513	Allen-Bradley, white
Qty.	600 ST	