



Power Meter Monitor

Model: PMM0734

Document version: 1.1

Date: August 2021



## 2X AI (3.3/5) - (PT100/200)

### KEY FEATURES

- 2x PT100 input (-50-150 °C)
- Response time ≤ 100ms
- Containing linear and long-term compensation
- Extremely high accuracy
- Highly compacted size
- DIN rail mounting
- IP54 protection degree
- Operating temperature: -20°C to +83°C

### DESCRIPTION

PMM0734 mainly receives temperature readings from PT100, ranges from -50 to 150 °C and convert them to 0-5V or 0-3.3V signals in order to make them compatible with the controller.

Signal conversion is done within extremely high accuracy as the error percentage does not exceed 0.2%. PMM0734 is able to withstand 2500VDC isolation voltage as the input, output and power supply are completely isolated.

PMM0734 is compacted in size, has high precision performance, and cost effective. Thus, it can be used in any industrial application such as petroleum, chemical, power, instrumentation, and control industries.

### TECHNICAL DATA

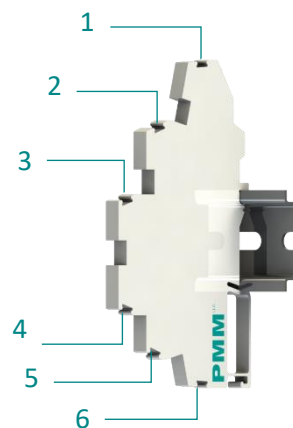
Input	Pt100, Pt200
Output scale	0-5, 0-3.3 V
Response Time	≤100 mS
Temperature drift	50ppm / °C (typical)
Operating temperature	-20°C to +83°C
Storage Temperature	-45 to +80 °C
Operating Humidity	10 to 90% (no condensation)
Storage Humidity	10 to 95% (no condensation)
Degree of protection	IP54

### MECHANICAL DATA

Width	66.5mm (2.6")
Height	113mm (4.5")
Depth	6mm (0.23")
Wight	50 g
Mounting type	Din rail

## SCHEMATIC AND WIRING DIAGRAM

NUMBER	SIDE	DESCRIPTION
1	CPU	GND
2	CPU	Analog Input 2
3	CPU	Analog Input 1
4	FIELD	PT100 PIN1
5	FIELD	PT100 PIN2
6	FIELD	GND



FIELD SIDE

CPU SIDE

