

# TMP-100 Temperature Sensor

**bdi**

Temperature Sensor for DPS-100D and SWP Series Controllers



**Optional TMP-100 Temperature Sensor for DPS-100D Power Meters to provide an additional temperature reading, in addition to the internal transmission line temperature reading that is included in the DPS-100D.**

## Product Description

The TMP-100 provides accurate temperature monitoring of anything you wish to monitor. A few examples of use are:

- Ambient room temperature
- Transmitter exhaust temperature
- Combiner case temperature
- Transmitter Site Outdoor Temperature.

The TMP-100 connects directly to the DPS-100D Power Meter to provide a second temperature reading in addition to the DPS-100D's built-in transmission line internal temperature reading. The DPS-100D includes, providing an additional function and confidence. Can be operated over the temperature range  $-50^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$ .

## Features

- 200°C Temperature Span
- Accuracy Better than  $\pm 2\%$  of Full Scale
- Linearity Better Than  $\pm 1\%$  of Full Scale
- Temperature Coefficient of 22.5 mV/°C
- Output proportional to temperature x V+
- Single-supply Operation
- Reverse Voltage Protection
- Minimal Self-Heating
- High Level, Low Impedance Output
- Standard supplied cable length 25 feet (18.2 meters)

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Specifications subject to change without notice  
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