

# TMP-100 Temperature Sensor Datasheet



**The TMP-100 provides accurate temperature monitoring of anything you wish to monitor. Examples of use are; ambient room temperature, transmitter, combiners, or transmission line temperatures. The TMP-100 connects directly to our SWP series products providing another additional function, and confidence.**

**Can be operated over the temperature range  $-50^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$**

- \* 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



**Broadcast Devices, Inc.**

Tel. (914) 737-5032 Fax.. (914) 736-6916

Visit us on the web at: [www.Broadcast-Devices.com](http://www.Broadcast-Devices.com)