



RINGWAY

Control & Automation

Head Office

Ringway Control & Automation
ABN 47 087 315 179
4 Lady Penrhyn Dr,
Unanderra, NSW 2526
products@ringway.com.au
Ph 02 4255 4300 Fax 02 42718990

Mackay Office

Ringway Materials Handling
Unit 10 Woodman Pde,
Mackay, QLD 4740
products@ringway.com.au
Ph 07 49524001 Fax 07 49522216



TEMPERATURE MONITOR

P/N – TEMP2WIR_PVC

2-WIRE TEMPERATURE MONITOR – PVC CASE

DESCRIPTION:

The Temp2wir_PVC is a PVC housed version of the TEMP2WIR. It is an analog, loop powered 4 to 20mA temperature transmitter. The configuration allows for a low cost connection to a range of 'Tempsens' transducers to monitor temperature in a range of applications.

FEATURES:

- **Economical**
- **Simple, robust and functional.**
- **2 wire line powered direct from PLC** (Loop powered 4 - 20 mA output.)
- **0 -150 °C** range.
- **Variety of "Tempsens" options.**
- **Easy electrical connection** – can be used with a zenner barrier for I.S. applications
- **No calibration or adjustment required.**

NOTE: See "Tempsens" documentation for our range of sensing applications for this economical and reliable temperature monitoring transducer.

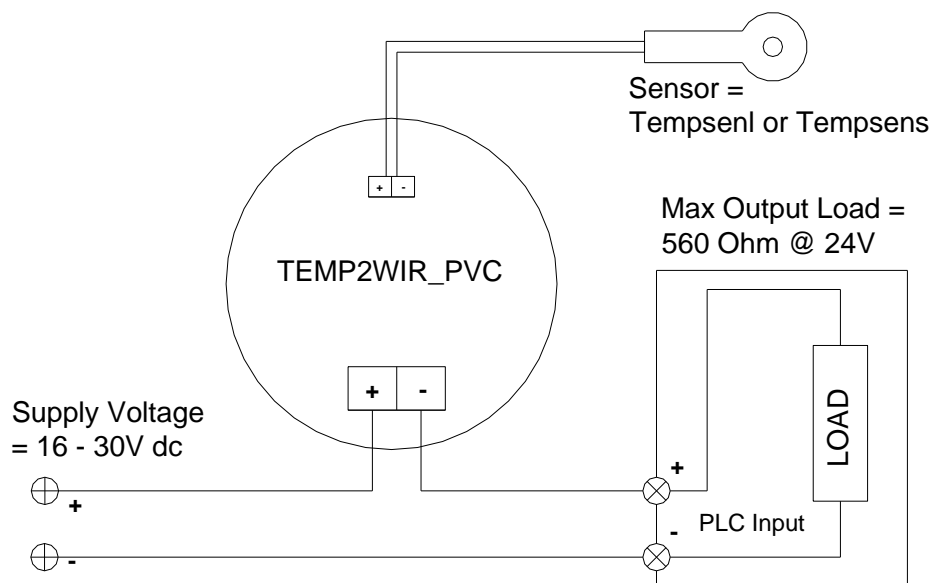
APPLICATIONS:

Ringway "Temp2wir_pvc" can be used where a 4-20mA signal proportional to the temperature of a solid, liquid or gas environment is required. The solid state sensors are available in a solid brass housing with 3/8BSP thread for liquid or gas 'gallery' sensing or inside a copper electrical lug for surface temperatures. Mountings other than these standard types can be readily accommodated.

Typical applications include the monitoring of hydraulic oil, bearing, gearbox, clutch and motor temperatures.

BRIEF TECHNICAL SPECIFICATIONS:

Power Supply:	16 – 30Vdc
Input:	Ringway "Tempsens" Laser trimmed current source sensor.
Temperature Range:	0 – 50 deg.C
Output:	4 – 20mA
Maximum Output Load	250 – 560 ohms



TEMP2WIRPVC CONNECTION DIAGRAM