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2 WIRE TEMPERATURE MONITOR

P/N – TEMP2WIR

RINGWAY 4 to 20mA LOOP POWERED 2 WIRE TEMPERATURE SENSOR

DESCRIPTION:

The TEMP2WIR is an analog, loop powered 4 to 20mA temperature transmitter suitable for monitoring oil temperatures in industrial environments. It's range is 0 to 150 °C. Sensing electronics is fitted into a robust cast iron housing, with brass encasement of the sensing transducer for fast and accurate heat transfer.

FEATURES:

- **Simple, robust and functional.**
- **IP65** rating.
- **Brass, stub nose sensor**, eliminating risk of long probe breakages.
- **Standard 3/4 in BSP mounting.** (Other threads available on request)
- **Plug in - plug out** electronics without losing oil.
- Loop powered **4 - 20 mA output.**
- **0 -150 °C** range.
- **No calibration or adjustment required.**
- **Conduit thread** for enclosed wiring.

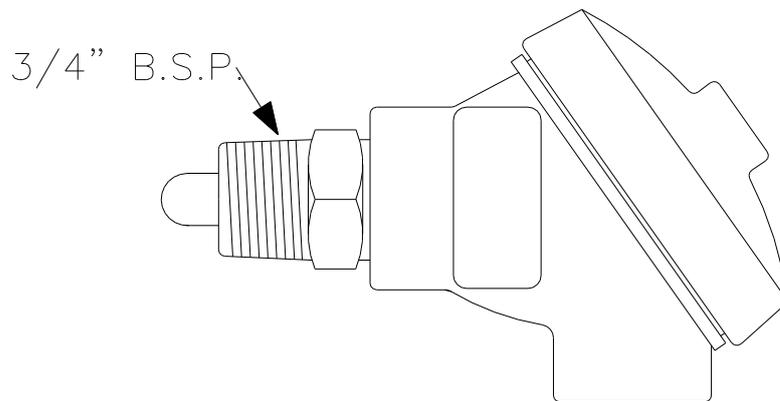
APPLICATIONS:

This unit was originally designed to monitor gear box oil temperatures in industrial environments. The brass and cast iron housing, make it suitable for use in category B methane environments. It may be used to monitor any non-corrosive liquid, such as water, cooling oil or hydraulic oil.

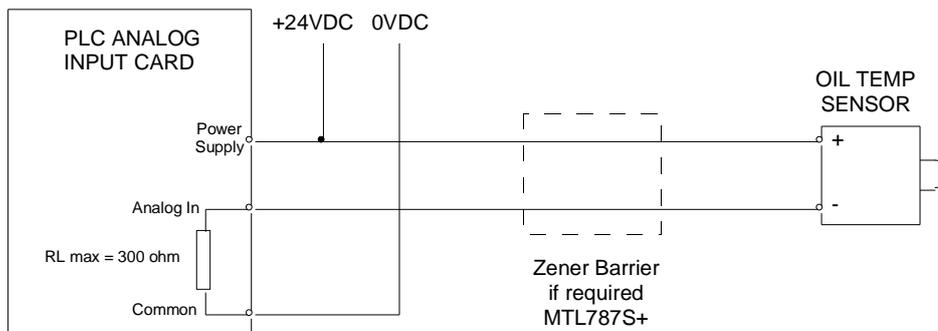
BRIEF TECHNICAL SPECIFICATIONS:

- Power Supply:** 16 to 24V DC
- Input:** AD590 laser trimmed, solid state, temperature transducer.
- Output:** 0 to 150°C = 4 to 20mA

Priced below the cost of a PT100 temperature transducer RTD/unit, the Ringway Temp2wir offers accuracy and the latest technology in condition monitoring.



View of case outline showing oil immersion component



Typical Connection to PLC