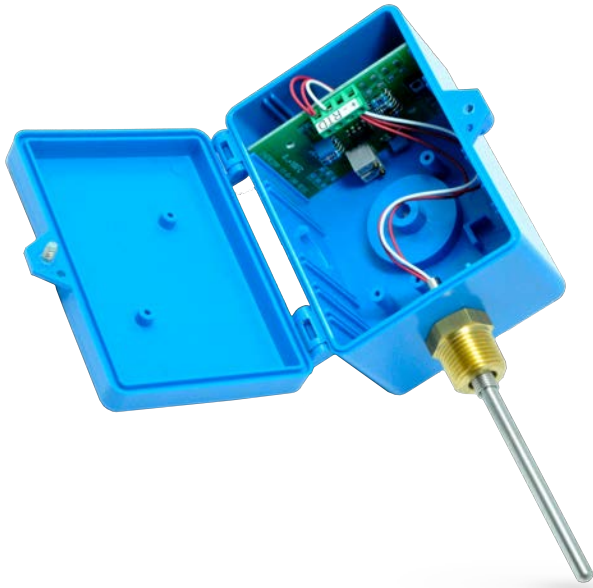


# Pipe Immersion Temperature



The pipe immersion temperature sensor is used to measure the temperature of fluids or gases in pipes. The spring loaded probe provides good thermal contact with the mating thermowell allowing for fast and accurate measurements.

- ◆ Spring loaded
- ◆ Rapid response
- ◆ Rugged construction

## Technical Data

**Wire:** 22 AWG, PVC/PVC

**Lead length:** 6" flying leads

**Sheath material:** 316 stainless steel

**Probe diameter:** 1/4"

**Probe length:** see ordering data

**Process connection:** 1/2" NPT

**Sensor type:** Pt100 RTD, Pt1000 RTD, 10K Thermistor

**Accuracy:**

- Pt100: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- Pt1000: +/- 0.3°C, DIN EN 60751 (according to IEC 751)
- 10K: +/-0.2°C (0...70°C), NTC standard

**Operating temperature:** -30...100°C

**Enclosure:** moulded case with hinged cover and captive screw, not weatherproof

**Termination connection type:** tails c/w bare ends or 2 wire temperature transmitter

2 wire temperature transmitter mounted in enclosure available only for Pt100

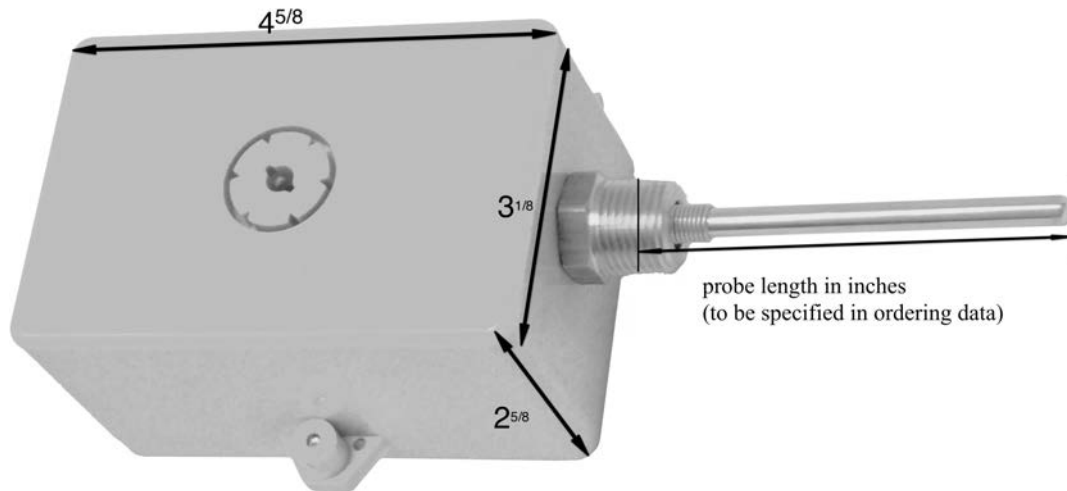
**ENERCOP** instruments ltd

25 Shorncliffe Road, Toronto, ON, M9B3S4, Canada  
Tel: 416-231-5335, Toll free: 1-800-363-7267

## Industry Usage

HVAC, Building automation, Energy management, Waste management

## Dimensions



## Ordering Data

TS-P- (probe length)-( sensor type )-( sensor value )

in inches     R = RTD     100 = 100 ohms

1000 = 1000 ohms

T = Thermistor     10K = 10 K ohms

ie. TS-P-4-T-10K: duct temperature sensor 4" long probe with 10K thermistor

TT-P- (probe length)-R -100/(temperature range)

in inches

ie. TT-D-4-R-100/-50C50C: duct temperature transmitter 4" long probe with 100 ohm RTD and temperature transmitter with a temperature range of -50...50°C

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