

PIPE SENSOR WITH LED READOUT

- Bright display in F or C
- Only one well for display & DDC
- Thermistor, RTD or transmitter
- Easy mounting



Easy to read

The LED option adds a high intensity red LED digital indicator to our pipe sensor for displaying local temperatures. This can be very useful in retrofit work when glass thermometer wells are re-used for HVAC sensors. Previously it was either expensive or impractical to shut down a section of the physical plant while an extra well was welded in.

Now we have combined two sensors in the same sheath one connected to the indicator and one thermistor or RTD of your choice to connect to the control panel. An RTD can optionally be connected to a 4-20mA transmitter located in the same housing.

Jumpers on the circuit board permit field changes from Fahrenheit to Celsius and permit the 10ths of a degree indication to be converted to full degrees only.

An inexpensive option adds a setpoint alarm which can switch a one amp AC load.

Matched Pairs: On request 1/3 DIN RTD's provide 1/10th deg C accuracy for energy consumption calculations.

TECHNICAL DATA

Supply: 8 to 40 VDC or 8 to 32 VAC

Display: 3 1/2 digits, 0.56" high intensity red

Connection: Power and relay: Faston
Sensors: 2 x 3pole screw terminals

Accuracy: 0.25% +/- 1 digit

Input: 2 x 100 ohm RTD or 2 x 4-20mA

Relay: Optional with code "A", solid state 1 amp for switching AC loads

Temperature:
ambient -20+70C, measured -50+105C

Retrofits

If you are re-using existing glass thermometer wells we offer an adaptor bushing and a brass sleeve to improve heat transfer.



ORDERING DATA

Pipe Sensor:
**TS-P-(4/6)-(R/T)-
(100/1000/10K)-LED-(C/F)-
(A-XXX)**

Choose one from each pair of brackets
(4/6) Thermowell size in inches, normally 4 or 6
(R/T) RTD or Thermistor
(100/1000/10K) 100 or 1000 ohm or 10K resistance
LED 1/2" high LED readout option
(C/F) Celsius or Fahrenheit calibration
(A-XXX) Alarm if desired and setpoint value

Accessories:

A: Reducing bushing: **BUSHING-8-W**

B: Conversion Sleeve: **SLEEVE-B-W**

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