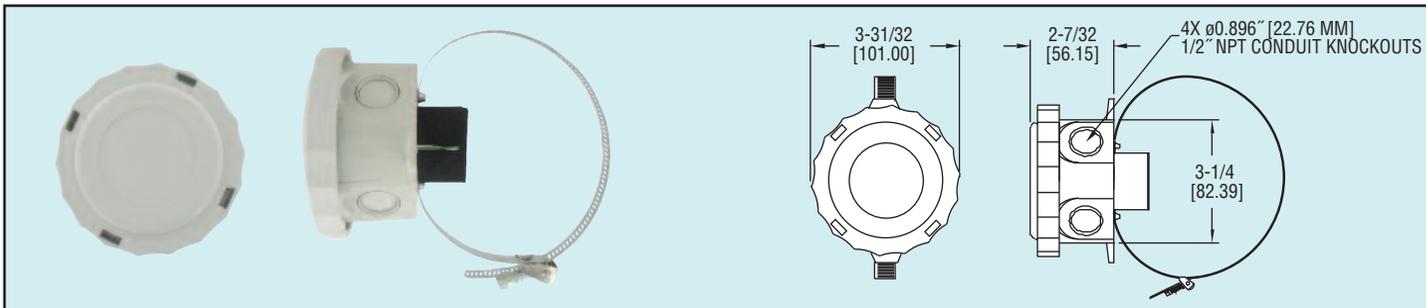




Series
S2-4

Weatherproof Surface Temperature Assembly

Strap-On Design, Twist off Housing Cover



The Series S2-4 Weatherproof Surface Temperature Assembly is ideal for monitoring the temperature of distribution lines when it is not possible to penetrate the pipe. The strap-on connection quickly wraps around a pipe and can be securely tightened using a flat head screw driver. The twist-off housing cover reduces installation time. The housing has multiple knockout conduit holes which allows the installer to bring conduit to any side of the housing. The Series S2-4 can be ordered with a choice of 11 output options that allow it to communicate to any standard building control system.

SPECIFICATIONS

Accuracy:

- Platinum RTD: $\pm 0.6\%$ @ 32°F (0°C);
- Nickel RTD: $\pm 0.5^\circ\text{F}$ @ 32°F (0°C);
- Balco RTD: $\pm 0.1\%$ @ 32°F (0°C);
- Thermistors: $\pm 0.36^\circ\text{F}$ from 32 to 158°F (0 to 70°C).

Operating Temperature: -32 to 240°F (-35.5 to 115.5 °C).

Probe Material: Copper conductor.

Mounting: Strap-on to pipe (fits 2 to 5" pipe sizes).

Enclosure Rating: NEMA 4X (IP66).

Model	Sensor Type	Model	Sensor Type
S2-41	Pt 100 Ω RTD	S2-47	5K Ω Thermistor
S2-42	PT 1000 Ω RTD	S2-48	100K Ω Thermistor
S2-43	Ni 1000 Ω RTD	S2-49	20K Ω Thermistor
S2-44	Balco 1000 Ω RTD	S2-4A	2252 Ω Thermistor
S2-45	10K Ω Type II Thermistor	S2-4B	10K Ω Type III Thermistor
S2-46	3K Ω Thermistor		