TEMPERATURE



EXECUTIVE STYLE THERMISTOR AND RTD SENSORS *ST-S*E*, *ST-S*EW SERIES*

DESCRIPTION

The **Precon Model ST-S*E** and **ST-S*EW Executive Thermistor and RTD Sensor** provides precision room temperature sensing for building automation systems in beige or white respectively. The active sensing element is made of a highly stable, precision thermistor material or platinum RTD.

FEATURES

- · Lifetime warranty
- ±0.36°F (±0.2°C) thermistor accuracy
- ±0.27°F (±0.15°C) or ±0.54°F (±0.30°C) RTD accuracy
- Ultra high accuracy optional
- Wide selection of thermistor or RTD curves
- Vented housing for quick temperature response
- Adaptable with many options
- · Traditional beige or white covers
- Durable plastic housing and base plate
- · Easy to mount to wall or electrical box

TYPICAL MOUNTING

Toggle bolts or other direct wall-mount screws can be used where conduit is not required. Adapters are not required when mounting directly to electrical outlet boxes.

Basic model comes with screw terminal block, white decorator faceplate, two #6-32 screws for handybox mounting, and two #6 x 1" screws for direct wall mounting. Cover screws are #6-32 with a 1/16" allen key head.

White faceplate (standard) with a face screws are not a with a face screws are not a screws are not not an interior wall, away from any heating or cooling generating devices.

SPECIFICATIONS

Accuracy Thermistor

RTD

עוח
Type 63
Type 71
Type 81, 85
Type 91
Sensor Type
Thermistor
1-
RTD
Туре 63
Type 71, 81
Type 85
Type 91
Temperature Range
Thermistor/RTD

±0.72°F (0.40°C) ±0.054°F (0.03°C) ±0.27°F (0.15°C) ±0.54°F (0.30°C) 2.252 kΩ, 3 kΩ, 10 kΩ Type II, III & III w/11K shunt, 20 kΩ, 100 kΩ

±0.36°F (0.2°C)

1000Ω Nickel 100Ω PT 385 Curve 1000Ω Pt 385 Curve 1000Ω Pt 375 Curve

-40° to 221°F (-40° to 105°C)



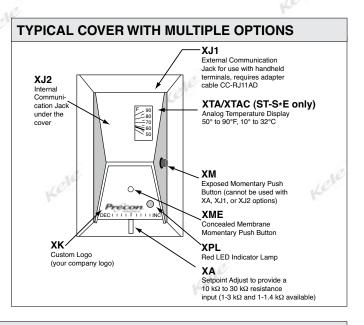


Precon.

CE

ST-S*EW

ST-S*E-XA-XME-XTA



Temperature Coefficient

Temperature Stability

Thermistor

Thermistor

Heat Dissipation

Enclosure Rating

RTD

RTD

ST-S*E

ST-S*EW

Mounting

Approvals

Warranty

Weight

Negative temperature coefficient Positive temperature coefficient

0.24°F (0.13°C) over five years Max 0.04% after 1k hours @ 500 °C 2.7 mW/°C (power needed to raise the temperature by 1°C)

NEMA 1, Beige plastic with tan metal face plate

Directly to wall or single gang box Terminals 0.15 lb (0.07 Kg) CE Lifetime

1150

FREE TECH SUPPORT FOR THE LIFE OF YOUR PRODUCTS

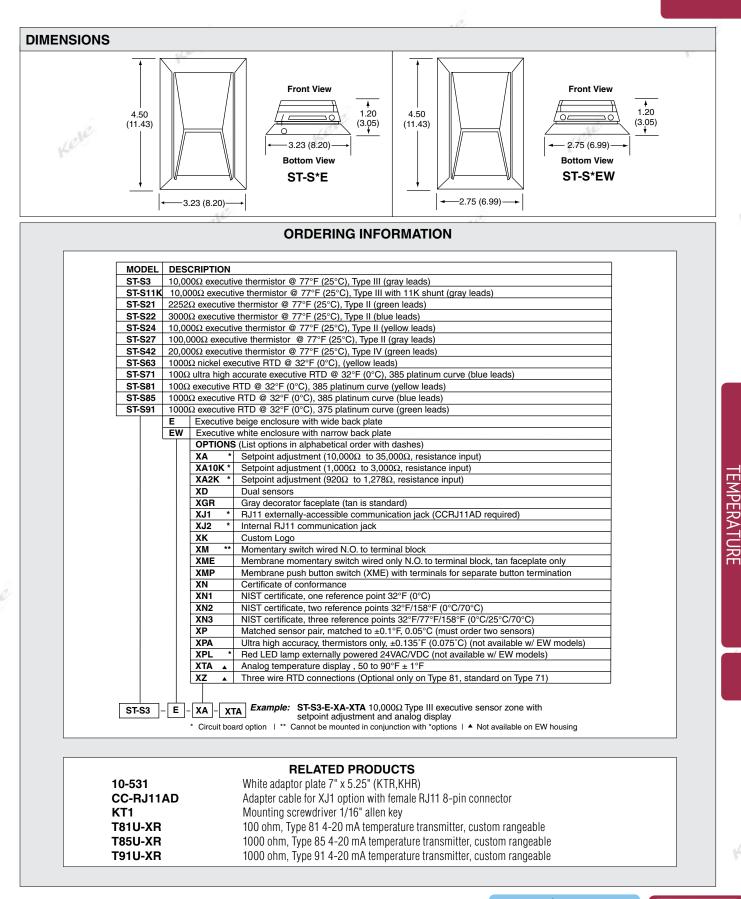
Wiring Terminations

September 2016

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ST-S*E, ST-S*EW SERIES



IN-STOCK ORDERS AVAILABLE TO SHIP SAME-DAY kele.com 877-826-9037 USA

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