



TX1140

Room Temperature Sensor
with Setpoint and Override

Description

The TX1140 is a wall mount temperature sensor with setpoint and override and is designed to be used as a remote room sensor for the SZ2181 Air Handling Unit Controller.

The TX1140 features:

- 1000 Ω platinum RTD temperature output
- 4-20mA setpoint adjustment
- Momentary push button override
- Mounts over standard handy box

Specifications

General

Accuracy: +/- 0.35°F

Built-in sensor: 1000 Ω platinum RTD

Zero and span adjustment: Non-interacting

Environmental

Operating temperature: 32 to 158°F (0 to 70°C)

Operating humidity: 0 to 100% RH,
non-condensing

Storage temperature: 14 to 176°F (-10 to 80°C)

Electrical

Supply voltage: 8 to 35 VDC

Input voltage effect: +/- 0.001 % of span/volt

Output: One 1000 Ω Platinum RTD, One 2-wire 4 to 20 mA DC, momentary normally open push-button switch rated 10 mA @ 35 VDC or 24 VAC

Maximum over current: 25 mA

Polarity protection: Diode protected

Ordering Information

Part # **Description**

TX1140 Temperature sensor, 1000 Ω platinum RTD, 4-20mA setpoint and override

Dimensions

Note: inches [mm]

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