



TX1130

Temperature Transmitter with
Setpoint and Override

Description

The TX1130 is a wall mount temperature transmitter complete with setpoint and override function. The TX1130 provides a Normally Open momentary push-button switch output. The TX1130 also provides two 4 to 20 mA outputs. The first output is the sensed temperature, scaled 4 to 20 mA from 50 to 85°F. The second is a 4 to 20 mA signal representing the position of the setpoint knob, scaled 50 to 85°F. Power may be provided from any DC supply from 8 to 35 VDC.

The TX1130 features:

- 4-20mA temperature output (range 50 to 85°F)
- 4-20mA setpoint adjustment (range 50 to 85°F)
- Momentary push button override
- Mounts over standard handy box

Specifications

General

Accuracy: +/- 0.35°F

Built-in sensor: 100 W 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: Two 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
TX1130	50 to 85°F span, transmitter with 100 Ω platinum RTD, setpoint and override

Dimensions

Note: inches [mm]

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