T-5220 High Volume Output Pneumatic Temperature Transmitter Catalog Page

LIT-1921600

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Description

The T-5220 High Volume Output Pneumatic Temperature Transmitter measures temperature in ducts, pipes, tanks, or other areas requiring remote temperature measurement. The T-5220 converts the temperature measurement to an air pressure signal transmitted to a pneumatic receiver, controller, or receiver-indicator. When used with a Dewcel® Dew Point Measuring System (purchased locally), the T-5220 operates as a dew point transmitter. The T-5220 is designed for applications that require a high output capacity, a high degree of accuracy, or a transmitter of industrial quality.

Refer to the *T-5220 High Volume Output Pneumatic Temperature Transmitter Product/ Technical Bulletin (LIT-7171175)* for important product application and single point of contact information.

Features

- provides an exact proportional relationship between the measured temperature and the transmitted signal
- includes appropriate mounting equipment
- mounts in a vertical position on a rigid, flat surface

Repair Information

If the T-5220 High Volume Output Pneumatic Temperature Transmitter fails to operate within its specifications, replace the unit. For a replacement temperature transmitter, contact the nearest Johnson Controls® representative.

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Selection Charts

Table 1: T-5220 High Volume Output Pneumatic Temperature Transmitter

CodeNumber	Element Style	Operating Range
T-5220-1113	Copper Bulb with 4 ft (1.2 m) Copper Capillary	-40 to 160°F (-40 to 71°C)
T-5220-1114		0 to 100°F (-18 to 38°C)
T-5220-1009	Copper Averaging Element, 8 ft (2.4 m), with 1 ft (305 mm) Copper Capillary	0 to 100°F (-18 to 38°C)

Table 2: Accessories for T-5220

Code Number	Description
F-1000-171	Test Plug Fitting, 1/8 in. NPT
T-275-100	B Bulb Element Holder
T-275-101	Averaging Element Holder
T-800-1603	Single Hub Duct Flange
T-800-1604	Double Hub Duct Flange
T-800-1605	Brass Well, 6-1/2 in.
T-800-1606	Stainless Steel Well, 5-1/4 in.
T-800-1610	Bulb Element Adapter Nut, 1/2 in. NPT
T-800-1611	Street Ell, 1/8 in.
T-800-1613	1/8 in. Air Cock Union End
T-800-1614	Three-Way Air Cock with Exhaust, 1/8 in.
T-800-1615	Screw-Type Shut-Off Cock, No. 52, 1/4 in. Comp.
T-800-1616	Adapter Gauge Tee, 1/4 in. Comp.
T-800-1617	Brass Pipe Plug, 1/8 in.
T-800-1618	Brass Well, 9-1/2 in.
T-800-1620	Stainless Steel Well, 9-1/2 in.
T-5210-138	Dewcel® Adapter Kit
SHL10A-603R	Bulb Weather Shield
T-5210-129	Sheet Metal Bracket
TE-6001-8	Temperature Element Holder

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