

T-5220

High Volume Output Pneumatic Temperature Transmitter



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[®] (purchased locally), the T-5220 operates as a dew point transmitter. The T-5220 is designed for applications which require a high output capacity, a high degree of accuracy, or a transmitter of industrial quality.

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 Parts

If the product fails to operate within its specifications, unit replacement is required.

To Order

Specify the code number from the following selection chart.

Selection Chart

| Code Number | Description | |
|-------------|---|----------------------------|
| | Element Style | Operating Range |
| T-5220-1001 | | 50 to 100°F (10 to 38°C) |
| T-5220-1002 | Copper Bulb with 5-1/2 in. (140 mm) Copper Capillary | 0 to 100°F (-18 to 38°C) |
| T-5220-1004 | | 40 to 240°F (4 to 116°C) |
| T-5220-1008 | | 50 to 150°F (10 to 66°C) |
| T-5220-1113 | Copper Bulb with 4 ft (1.2 m) | -40 to 160°F (-40 to 71°C) |
| T-5220-1114 | Copper Capillary | 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) |

Accessories

| 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 | Air Cock Union End, 1/8 in. |
| 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-800-1624 | Dual Brass Well, 6-1/2 in. |
| T-5210-138 | Dewcel [®] Adapter Kit |
| SHL10A-603R | Bulb Weather Shield |
| T-5210-129 | Sheet Metal Bracket |
| TE-6001-8 | Temperature Element Holder |