Pneumatic Temperature Transmitter Catalog Page

LIT-1921595

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Description

The T-5210 Pneumatic Temperature Transmitter measures temperature and converts this measurement to an air pressure signal that is transmitted to a pneumatic receiver, controller, or receiver-indicator. When used with a Dewcel® (purchased locally), the T-5210 operates as a dew point transmitter.

Refer to *T-5210 Pneumatic Temperature Transmitter Product Bulletin (LIT-7171170)* for important product information.

Features

- provides an exact proportional relationship between the measured temperature and the transmitted signal
- includes appropriate brackets for mounting to ductwork, walls, or directly to the hub of a duct flange, or separable well
- operates in any position from a rigid, flat, mounting surface
- requires a 0.007 in. restricted supply

Repair Information

If the T-5210 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-5210 Pneumatic Temperature Transmitter

Code Number	Element Style	Operating Range
T-5210-1001	Copper Bulb with 5-1/2 in. (140 mm) Copper Capillary	50 to 100°F
T-5210-2002		0 to 100°C
T-5210-2003		-15 to 35°C
T-5210-1002		0 to 100°F
T-5210-1004		40 to 240°F
T-5210-1008		50 to 150°F
T-5210-1123		60 to 85°F
T-5210-2001		10 to 35°C
T-5210-1125		40 to 65°C
T-5210-1113	Copper Bulb with 4 ft (1.2 m) Copper Capillary	-40 to 160°F
T-5210-2004		-40 to 60°C
T-5210-1144		-20 to 80°F
T-5210-1114		0 to 100°F
T-5210-2005		-15 to 35°C
T-5210-1151		20 to 120°F
T-5210-1135		200 to 400°F
T-5210-1007	8 ft (2.4 m) Copper Averaging Element with 1 ft (305 mm) Copper Capillary	50 to 150°F
T-5210-1006		40 to 240°F
T-5210-1009		0 to 100°F
T-5210-1124		40 to 65°F
T-5210-2006		0 to 50°C
T-5210-2007		-15 to 35°C
T-5210-1150		20 to 120°F
T-5210-1005		50 to 100°F
T-5210-1116	17 ft (5.2 m) Copper Averaging Element with 1 ft (305 mm) Copper Capillary	50 to 150°F
T-5210-1118		0 to 100°F
T-5210-2008		-15 to 35°C

Table 2: Accessories for T-5210 Pneumatic Temperature Transmitter

Code Number	Description
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.
TE-6001-8	Temperature Element Holder
T-800-1610	Bulb Element Adapter Nut, 1/2 in. NPT
T-800-1618	Brass Well, 9-1/2 in.
T-800-1620	Stainless Steel Well, 9-1/2 in.
T-5210-129	Sheet Metal Bracket
T-5210-138	Dewcel Adapter Kit®
T-5210-602	Pneumatic Transmitter Cover Kit, includes one Blank Cover and two Pan-Head Mounting Screws
SHL10A-603R	Bulb Weather Shield
R-3710 Series	0.007 in. Aqua-colored Restrictor

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