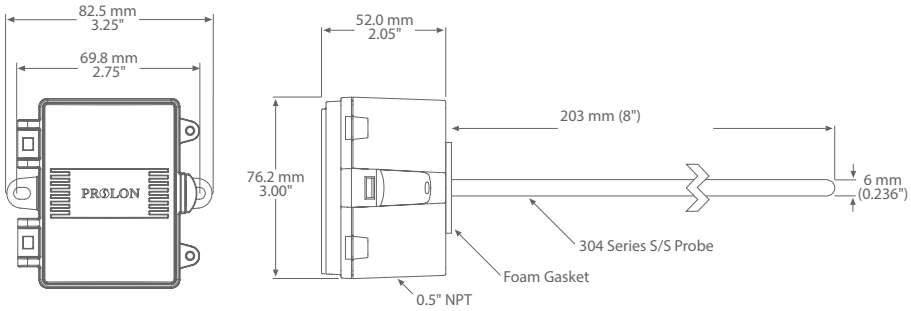
All Purpose Duct / Immersion Temperature Sensor — PL-DT-T8





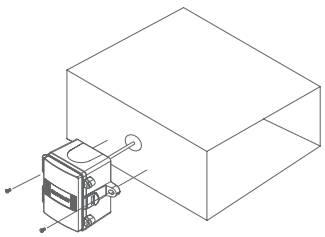
Product Description

The all purpose single point temperature sensor utilizes a precision sensor encapsulated in a 0.236" (6 mm), 304 series stainless steel probe. The probe provides excellent heat transfer, fast response and resistance to moisture penetration.

Typical Installation

In duct applications the probes are installed in the side of the duct to monitor a single point temperature within the duct. Install the probe in a straight section of duct at a suitable distance downstream from any heating, cooling, or humidification devices.

For immersion applications ensure the probe is installed in the appropriate length thermowell for the pipe size. Thermal conductive compound should be added inside the thermowell to provide optimum thermal transfer.



Technical Specifications

SENSOR TYPE	10,000 Ω Type 3, NTC Thermistor
SENSOR ACCURACY	±0.36°F (±0.2°C) @ 77°F (25°C)
PROBE SENSING RANGE	-40 to 212°F (-40 to 100°C)
AMBIENT OPERATING RANGE	-40 to 122°F (-40 to 50°C), 5 to 95 %RH non-condensing
WIRE MATERIAL	PVC insulated, parallel bonded, 22 AWG
PROBE MATERIAL	304 series stainless steel
PROBE DIAMETER	0.236" (6 mm)
PROBE LENGTH	8" (200 mm)
ENCLOSURE	ABS, UL94-V0, IP65 (NEMA 4X), with thread adapter (1/2" NPT to M16), and cable gland fitting
TERMINATION	Pigtail
COUNTRY OF ORIGIN	Canada

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