

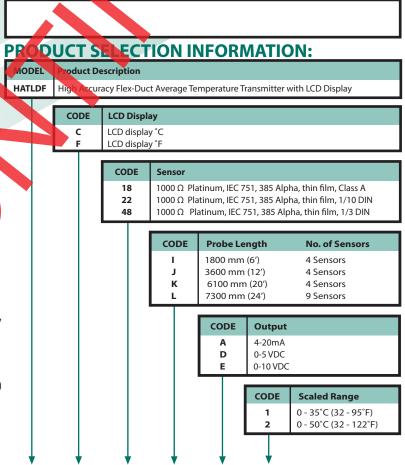
HIGH ACCURACY FLEX-DUCT AVERAGE TEMPERATURE TRANSMITTER WITH LCD HATLDE Series

The HATLDF Flex-duct averaging temperature transmitter incorporates numerous high accuracy platinum RTD's encapsulated at equal distances along a FT-6 plenum rated cable and is available in various lengths. All probes provide excellent heat transfer, fast response and resist moisture penetration. A transmitter that provides a high accuracy signal with excellent long term stability, low hysteresis and fast response for measurement of duct temperatures. A LCD is provided in either °C or °F.



SPECIFICATION:

Sensor	
Accuracy	.RTD Class A: ±0.15°C @ 0°C RTD 1/3 DIN: ±0.1°C @ 0°C RTD 1/10 DIN: ±0.03°C @ 0°C
Probe Sensing Range	20 to 60°C (-4 to 140°F)
Wire Material	
Output Signal	. 4-20mA current loop, 0-5 vdc, or 0-10 Vdc (factory configured)
Transmitter Accuracy	. ±0.25% of span, including linearity
Power Supply	. 4-20 mA: 15-35 Vdc or 22-32 Vac 0-5 Vdc: 10-35 Vdc or 10-32 Vac 0-10 Vdc: 15-35 Vdc or 15-32 Vac
Consumption	. Current: 22.5 mA Max (On open sensor) Voltage: 5 mA nominal
Input Voltage Effect	
RFI rejection	. Good RFI rejection of normal frequencies
Protection Circuitry	. Reverse voltage protected and output limited
Display Units	.°C or °F
Display Range	. 3 digit for 88.8 to 888 as necessary
Display Size	(0.95" x 0.45")
Ambient Operating Range	0-95% RH non-condensing
Enclosure	Grey ABS, UL94-V0, IP65 (NEMA 4X)
Wiring Connections	. Screw terminal block (14 to 22 AWG)



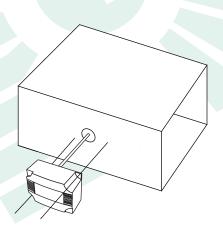


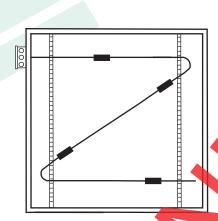
TYPICAL INSTALLATION:

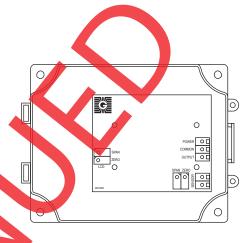
For complete installation and wiring details, please refer to the product installation instructions.

The flex-duct average probes are installed through a hole in the side of the duct to monitor an average temperature within the duct. Select a probe length that allows for criss-crossing the duct multiple times. Install the probes in a straight section of duct at a suitable distance downstream from any heating, cooling or humidification devices.

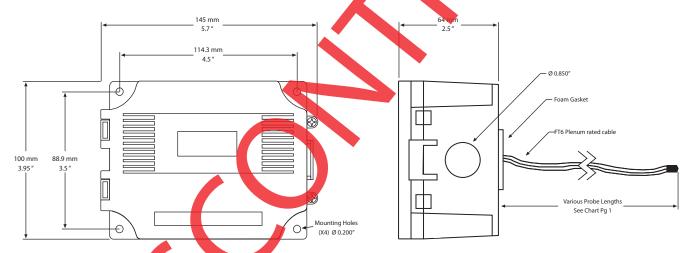
The enclosure provides mounting tabs for ease of installation.







DIMENSIONS:



reystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.



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Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC/R sensors and transmitters for Building Automation Management Systems. We have conscientiously established a worldwide reputation as an industry leader by maintaining leadingedge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.