



**EXTREME ENVIRONMENTS
EXTREMELY RELIABLE**



TEMPERATURE AND HUMIDITY SENSOR



Dependable Performance



The THS-3 is a high quality, robust and accurate temperature and humidity sensor housed in a durable solar radiation shield.

KEY FEATURES

- Includes solar radiation and rain screen, cabling, and mounting arm
- O-ring-sealed protective housing for internal electronics
- Easily replaceable filter for protection from airborne contaminants



SPECIFICATIONS

TYPE	Encapsulated thermistor
OUTPUT	Analog – 10 k ohm @ 25°C
RESOLUTION	0.1°C
ACCURACY	(0 to 60°C): ±0.1°C
OPERATING TEMPERATURE RANGE	-40°C to +60°C (-40°F to +140°F)
OPERATING HUMIDITY RANGE	0 to 100% RH
OPERATING VOLTAGE	9.6 to 20 VDC
OPERATING CURRENT	< 1mA
MEASUREMENT SPEED	< 50 ms
FILTER	High Density Polyethylene Pore size: 35 microns Hydrophobic



CANADA 1065 Henry Eng Place | Victoria, BC | V9B 6B2
USA 1124 Fir Avenue, Suite C | Blaine, WA | 98230
ftsinc.com | 1.800.548.4264

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