

HIGH ACCURACY GLASS TEMPERATURE SENSOR HATSGL Series

The high accuracy single point glass temperature sensor utilizes a precision sensor encapsulated in a 31.75mm L x 9.525mm W x 9.525 mm H (1.25" x .375" x .375") Aluminum probe. Standard wire length is 600 mm (24"). All probes are constructed to provide excellent heat transfer, fast response and are potted to resist moisture penetration.

SPECIFICATION:

Sensor Type	Thermistor or RTD
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

NTC Thermistor Type 39: ± 0.05 °C, 0 to 70°C NTC Thermistor Type 55: ± 0.03 °C, 0 to 70°C NTC Thermistor Type 40/46: ± 0.1 °C, 0 to 70°C

Probe Sensing Range20 to 105°C (-4 to 221°F)
Ambient Operating Range40 to 50°C (-40 to 122°F)
Wire MaterialPVC insulated, parallel bonded
Probe Length1.524 m (5')
Probe MaterialAluminum
Probe Dimensions31.75mm L x 95.25mm W x 9.525mm H
(1.25" x 0.375" x 0.375")
TerminationPigtail, 2 or 3 wire
Country of OriginCanada

TYPICAL INSTALLATION:

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

Find a suitable location on an exterior window where the probe can be mounted. On one side apply epoxy compound and press firmly against the glass. Hold in place until the epoxy has set.

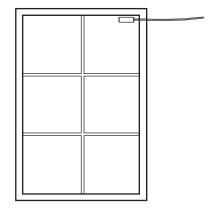


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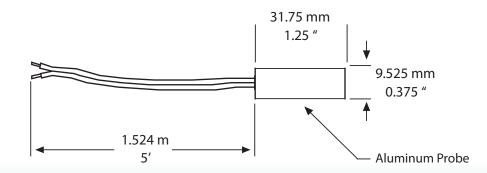
PRODUCT SELECTION INFORMATION:

1	MODEL Product De		Product	Description
	HATS	High Accuracy Glass Temperature Sensor		uracy Glass Temperature Sensor
			CODE	Sensor
			18 41 49 50 39 55 40 46	1000 Ω Platinum, 2 wire, IEC 751, 385 Alpha, thin film, Class A 1000 Ω Platinum, 3 wire, IEC 751, 385 Alpha, thin film, Class A 1000 Ω Platinum, 3 wire, IEC 751, 385 Alpha, thin film, 1/3 DIN 1000 Ω Platinum, 3 wire, IEC 751, 385 Alpha, thin film, 1/10 DIN 10,000 Ω Type 2, NTC Thermistor, $\pm 0.05^{\circ}$ C 10,000 Ω Type 2, NTC Thermistor, $\pm 0.03^{\circ}$ C 10,000 Ω Type 3, NTC Thermistor, $\pm 0.1^{\circ}$ C 20,000 Ω , NTC Thermistor, $\pm 0.1^{\circ}$ C
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Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.



DIMENSIONS:



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