# GREYSTON ERGY SYSTEMS

## **HIGH ACCURACY IMMERSION TEMPERATURE SENSOR HATSC Series**

The HATSC series single point immersion temperature sensor utilizes a high accuracy sensor encapsulated in a 6.35 mm (0.25") OD, 304 series stainless steel probe and is available in various lengths. All probes provide excellent heat transfer, fast response and resistance to moisture penetration. It is available with a variety of enclosures.

#### **SPECIFICATION:**

Weatherproof PVC (P) - IP65 (NEMA 4X) ) Termination ..... Pigtail 2 or 3 wire

#### PART NUMBE

## **PRODUCT SELECTION INFORMATION:**

Round ABS, with gasket cover

#### Product Description

CODE

Е

Enclosure

PVC Weatherproof

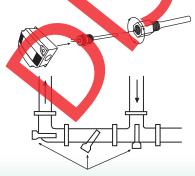
HATSCN Accuracy Immersion Temperature Sensor w/ 1/2" NPT Nylon Fitting

### **TYPICAL INSTALLATION:**

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

NOTE: All immersion sensors require a thermowell (sold separately)

The immersion type probes are installed in the appropriate length thermowell for the pipe size. Thermal conductive compound should be added inside the thermowell to provide optimum thermal transfer.



CODE	Sensor	Sensor	
18	1000 Ω Pla	1000 $\Omega$ Platinum, 2 Wire, IEC 751, 385 Alpha, thin film, Class A	
48	1000 Ω PI	1000 $\Omega$ Platinum, 2 Wire, IEC 751, 385 Alpha, thin film, 1/3 DIN	
22	1000 Ω Pla	1000 $\Omega$ Platinum, 2 Wire, IEC 751, 385 Alpha, thin film, 1/10 DIN	
41	1000 Ω Pla	1000 $\Omega$ Platinum, 3 Wire, IEC 751, 385 Alpha, thin film, Class A	
49	1000 Ω PI	1000 $\Omega$ Platinum, 3 Wire, IEC 751, 385 Alpha, thin film, 1/3 DIN	
50	1000 Ω Pla	1000 $\Omega$ Platinum, 3 Wire, IEC 751, 385 Alpha, thin film, 1/10 DIN	
39	10,000 Ω, T	10,000 $\Omega$ , Type 2, NTC Thermistor, ±0.05 C	
55	10,000 Ω, T	10,000 $\Omega$ , Type 2, NTC Thermistor, ±0.03 C	
40	· · ·	10,000 $\Omega$ , Type 3, NTC Thermistor, ±0.1 C	
46	20,000 Ω, Ν	20,000 Ω, NTC Thermistor, ±0.1 C	
	CODE	Probe Length	
	А	50 mm (2″)	
	в	100 mm (4")	
	с	150 mm (6″)	
	D	200 mm (8″)	

Thermowell placement in pipe





## **DIMENSIONS:**

#### **Round ABS Enclosure (E)**



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GREYSTONE HAS AN ISO 9001 REGISTERED QUALITY SYSTEM