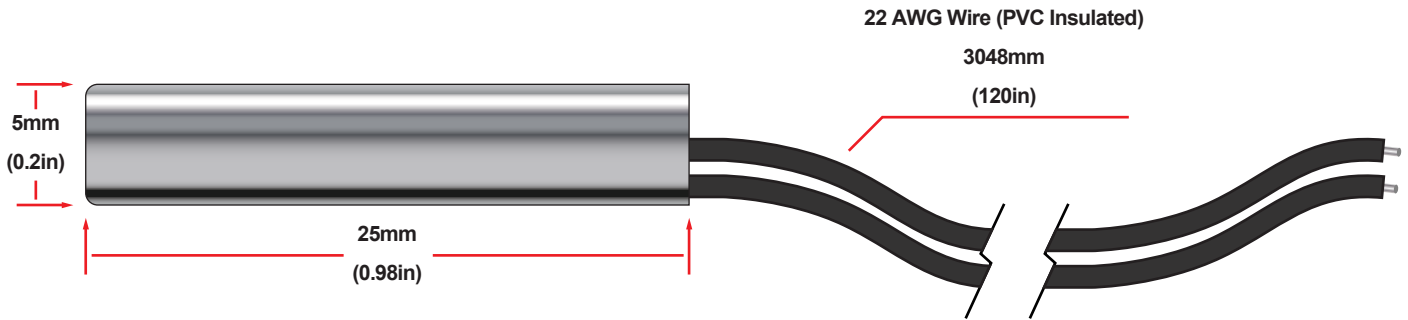


Universal Sensor Specifications

The Stainless Universal Sensor is commonly used for floor temperature sensing in floor heating applications. The thin casing allows for retrofit installation between tile spaces if necessary. This sensor is designed to provide a thermostat with the ability to maintain a minimum slab temperature, or help to limit the maximum slab temperature.



Material	
Encapsulation:	Stainless Steel Sleeve
Lead wire:	22#105°C PVC

Parameters	
Zero Power resistance R25 (KΩ):	10±2%
B value (K):	3892±1%
Dissipation factor (mW/°C):	≥2.2
Thermal time factor (S):	≤15
Operating temperature (°C):	-55~+125
Insulation resistance (MΩ):	≥500
Insulation voltage (V/AC):	1500
Warranty:	2 Years

Features

- 10K thermistor
- Very fast temperature response
- Thermistor accuracy of +/-0.2°F
- CSA and C US Approved for use in USA and Canada

Temperature		Resistance	Temperature		Resistance	Temperature		Resistance	Temperature		Resistance
°F	°C	Ω	°F	°C	Ω	°F	°C	Ω	°F	°C	Ω
-40°	-40°	336,479	68°	20°	12,493	176°	80°	1,255	284°	140°	235
-31°	-35°	242,681	77°	25°	10,000	185°	85°	1,070	293°	145°	208
-22°	-30°	176,974	86°	30°	8,057	194°	90°	915	302°	150°	186
-13°	-25°	130,421	95°	35°	6,531	203°	95°	786	311°	155°	166
-4°	-20°	97,081	104°	40°	5,326	212°	100°	678	320°	160°	148
5°	-15°	72,957	113°	45°	4,368	221°	105°	587	329°	165°	133
14°	-10°	55,329	122°	50°	3,602	230°	110°	510	338°	170°	119

Contact Information

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