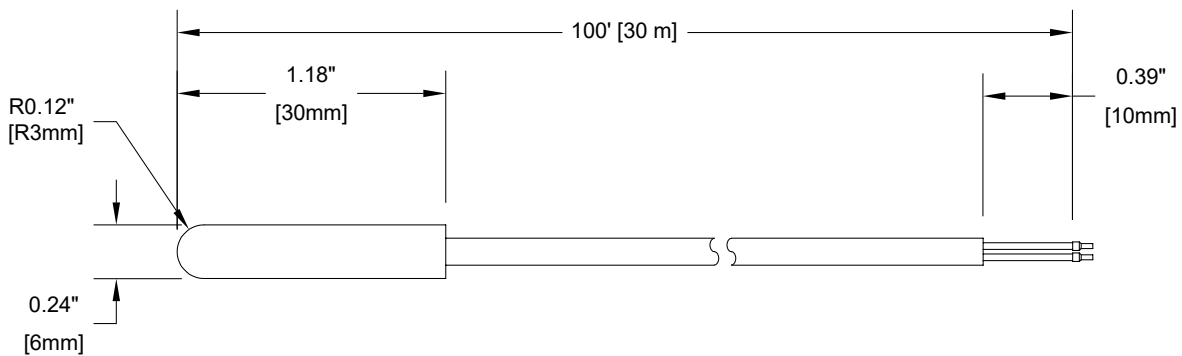


AFTS30M – Floor Sensor

Job or Customer			
Location			
Engineer			
Contractor			
SALUS Rep			
Submitted by		Date	
Approved by		Date	



The SALUS AFTS30M Floor Sensor is designed to measure slab or floor temperature for radiant heating systems when used in conjunction with a SALUS AS20WRF/BRF Wireless Thermostat, an AWRT10RF Wireless Radiant Thermostat or an AHTRS024 Wired Digital Thermostat. This product is suitable for embedding in concrete flooring or snow melting slabs. The SALUS AFTS30M is supplied with 3 meters [10 feet] of 2-conductor wire.

Features	Specifications			
<ul style="list-style-type: none"> • 10 kΩ Thermistor • ABS sensor housing for corrosion resistance • 3 meter [10 ft] connector wire 	Model	AFTS30M Floor Sensor		
	Package Dimensions	<i>Length</i>	<i>Width</i>	<i>Height</i>
		6.18"	2.68"	1.38"
		15.7 cm	6.8 cm	3.5 cm
	Materials of Construction	ABS Housing; PVC Insulated Copper Wire		
	Operating Temperature	-50°C to 60°C (-58°F to 140°F)		
	Sensor Specifications	10 kΩ resistance at 25°C ±0.2 K (77°F)		
Compatible Devices	AS20WRF/BRF Wireless Thermostat, AWRT10RF Wireless Radiant Thermostat, AHTRS024 Wired Digital Thermostat			

Thermistor Resistance Chart

Temperature		Resistance
°C	°F	Ω
0	32	32,596
5	41	25,367
10	50	19,889
15	59	15,708
20	68	12,492
25	77	10,000
30	86	8,055
35	95	6,527
40	104	5,319
45	113	4,357
50	122	3,588

A graphical representation of these relationships is included on the back of this sheet.

AFTS30M – Floor Sensor

RTD Thermistor Chart

