



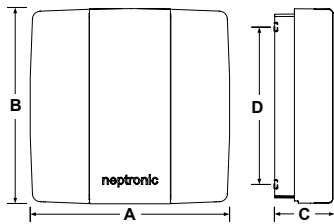
Feature:

- Wall sensor for remote temperature reading
- Sensor 3.3 KΩ or 10 KΩ

STR1-11
STR1-13

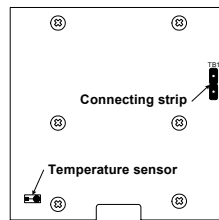
Technical Data	STR1-11	STR1-13
Sensor NTC	10 KΩ	3.3 KΩ
Application	The temperature sensor STR1 series can be used with: a thermostat TRO5404 or TFC from Neptronic® a DF series Duct heater, a BM023C-3 actuator, a thermostat TRO5404, PTC, ITO3 or a TCA or VVC controller from Neptronic®	
Electrical connection	2 wires 0.8 mm ² [18 AWG] minimum	
Operating temperature	2°C to 35°C (35°F to 95°F)	
Storage temperature	0°C to 50°C (32°F to 122°F)	
Relative Humidity	5 to 95 % non condensing	
Degree of protection of housing	IP 30 to (EN 60529)	
Weight	60 g. [0.13 lb]	

Dimensions



Dimension	Inches	Metric (mm)
A	3.00	78
B	3.00	78
C	1.00	24
D	2.36	60

PCB



Temperature Vs Value (KΩ)

Temp.	3.3 KΩ	10 KΩ
5 °C [41°F]	8.380	25.403
10°C [50°F]	6.570	19.908
15°C [59°F]	5.186	15.716
20°C [68°F]	4.123	12.494
25°C [77°F]	3.300	10.000
30°C [86°F]	2.658	8.056
35°C [95°F]	2.155	6.530
40°C [104°F]	1.757	5.325
45°C [113°F]	1.441	4.367

Terminal



Mounting Instructions

- Remove the screw (captive) holding the base and the front cover of the room sensor enclosure.
- Lift the front cover of the enclosure to separate it from the base.
- Pull wire through the base hole.
- Secure the base to the wall using wall anchors and screws (supplied). Make the appropriate connections.
- Mount the control module on the base and secure using the screw.

Recycling at end of life

At end of life, please return the electronic control to your Neptronic® local distributor for recycling. If you need to find the nearest Neptronic® authorized distributor, please consult www.neptronic.com.