

Specifications: 1WT_6SSP1_1m_3w

General Description:

- Stainless Steel probe 1-wire temperature sensor
- Uses DS18B20 chip with 12 bit resolution.
- Length of probe is 30mm
- Diameter of probe is 6mm.
- 1m long cable - 3 conductors: Red, White, Yellow

Chip, wires, & solder connections are inserted and potted into stainless steel tube with hardened epoxy.

Cable length 1m: Strip & Tin approx 3mm



DS18B20 Sensor Element wired as shown in the diagram on the left.

Sensor & Probe Specifications:

Sensor Accuracy (-10 to 85 DegC)	+/- 0.5 DegC
Sensor Accuracy (-55 to 125 DegC)	+/- 2.0 DegC
Sensor Resolution (DS18B20)	12 Bit
Supply Voltage	3.0 to 5.5V
Active Current	1 to 1.5 mA