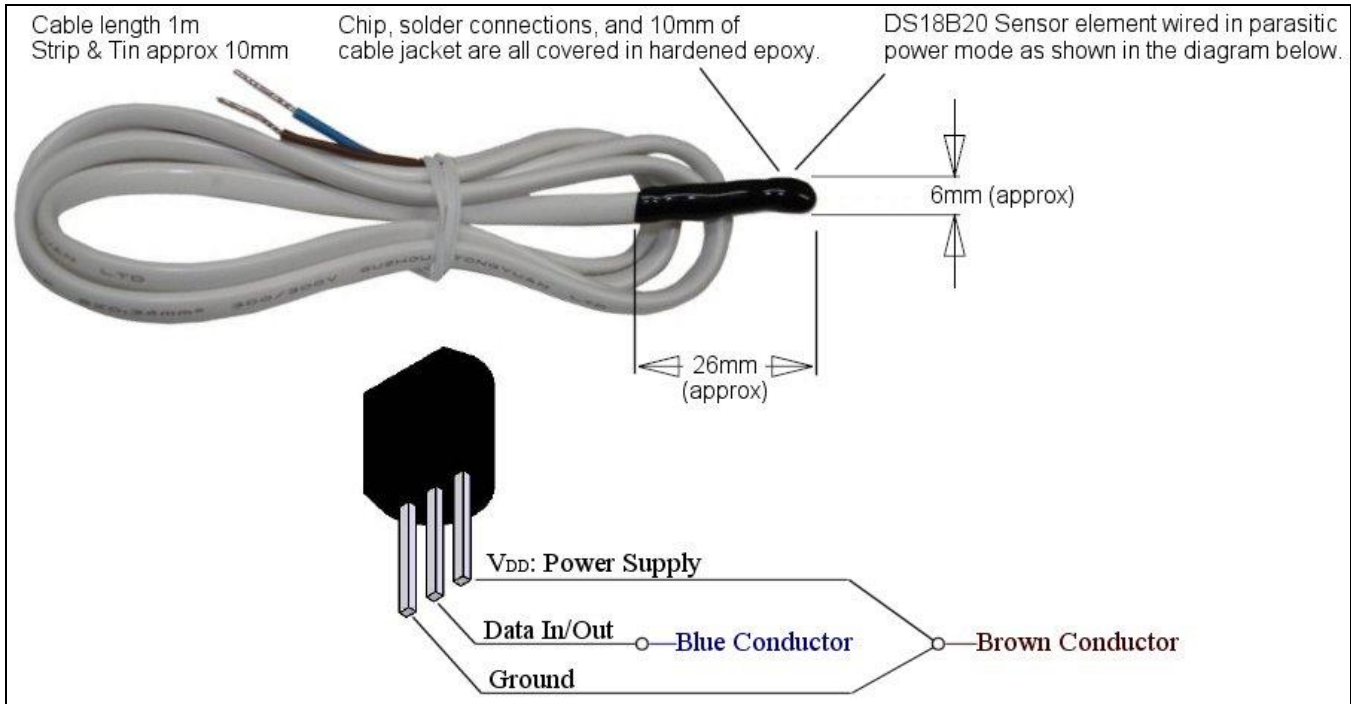


Specifications: 1WT_INL_POT_1m_2w

General Description:

- Inline potted 1-wire temperature sensor: uses DS18B20 chip with 12 bit resolution
- Length of potted section is approx 26mm
- 1m long cable: 2 stranded 24AWG insulated, stranded, conductors: Blue/Brown insulation colors.



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 |

Cable Specifications:

CONDUCTOR PHYSICAL CHARACTERISTICS:

- Conductor size: 2 x 0.34mm² – Stranded. 2 x 24AWG insulated stranded conductors.
- Conductor Material: tinned annealed copper conductors
- Rated Voltage: 300/300V
- Non-Shielded

CONDUCTOR INSULATION:

- Insulation Material PVC - Polyvinyl Chloride
- Blue Conductor: D_Q (Data Line)
- Brown Conductor: V_{DD} & GND (power supply and ground)

OUTER JACKET:

- Outer Jacket Material PVC - Polyvinyl Chloride

MECHANICAL CHARACTERISTICS:

- Operating Temperature Range -40°C To +80°C