

# P3-DS302-RJ

## NTC Temperature Sensor -50°C to +70°C

Supplied with 4m 2 core FEP cable

For use with the D3 family of wireless base stations

Compatible with a full range of P2-WS2XX Intelligent Wireless Transmitters (supplied separately)



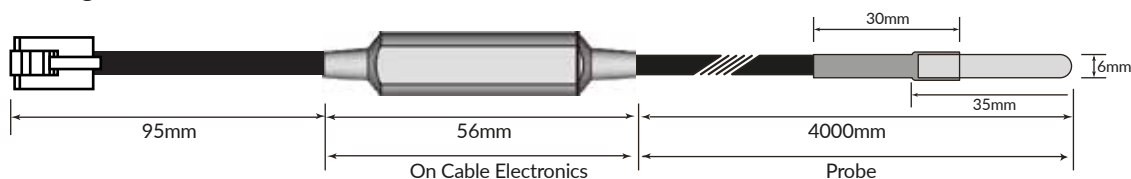
A general purpose temperature sensor for measuring air and contact temperature over the range of -50°C to +70°C.

The sensor utilises a NTC thermistor which offers excellent stability and low drift over the lifetime of the sensor. The thermistor is housed within a 6mm diameter 316L grade stainless steel housing back filled with epoxy with a heat shrink sheath. The FEP cable allows the cable to flex over its full operating range. The probe is supplied with a 4m cable.

Common uses: Fridges | Freezers | Cold Rooms | Production Areas | Chilled & Cold Pipework

This product can be supplied with a calibration certificate.

Product Drawing:



Technical Specifications:

Temperature Range: \_\_\_\_\_ -50°C to 70°C  
Accuracy: \_\_\_\_\_ Below -30° | -30°C to 70°C  
Standard - ±0.8°C | ±0.5°C  
Calibrated - ±0.5°C | ±0.2°C  
Thermistor: \_\_\_\_\_ NTC 5K R/T curve 8016/A01  
Weight: \_\_\_\_\_ 80g  
Sensor Cable: \_\_\_\_\_ 4000mm 2 core FEP cable  
Probe Sheathing: \_\_\_\_\_ 316L grade stainless steel

### On Cable Electronics

Connector: \_\_\_\_\_ RJ11  
Operating Temperature: \_\_\_\_\_ -20°C to 55°C  
Electronics Sheathing: \_\_\_\_\_ Technomelt OM678  
Electronics IP Rating: \_\_\_\_\_ IP65  
Probe IP Rating: \_\_\_\_\_ IP68



Doc: 106-10172-01 (Datasheet - P3-DS302-RJ)

**Visit: [www.tek-troniks.com](http://www.tek-troniks.com) Call: 0115 9890090**

### Product Disclaimer:

The recommendations and suggestions regarding product application and use that are offered on Tek-troniks.com, in our product brochures, datasheets, or information provided by any employee or distributor, are a guide in the use of this product and are not a guarantee to their performance. Tektroniks reserve the right to alter specification of their products without prior warning or notification. Always read instruction manuals fully before installing any Tektroniks component.