

### General Information

Mineral Insulated RTDs are robust, flexible, can be made in long lengths and with a broad range of diameters.

### Description

Mineral Insulated RTD probes are robust and can be shaped and formed to suit any application without affecting the sensor. These sensors are available in long lengths and with a broad range of diameters. They can be used at higher temperatures than fabricated RTD's and have a better accuracy, repeatability and long term stability than Mineral Insulated Thermocouples. MI RTDs can be manipulated around formers (with a radius of three times the probe diameter) and at angles and shapes to suit the application. They are generally manufactured with a wire wound element which have a greater accuracy over a wider temperature range than flat film detectors, however they are more expensive, Available in 2 core (simplex) or 4 core (duplex) with a range of outer sheath materials including Grade 25/20 (310) stainless steel (corrosion resistant and suitable for use in sulphur bearing atmospheres), Alloy 600 (severely corrosive atmospheres to high temperatures) and Nicrobel D. A variety of termination styles are available including plugs, industrial heads & custom lead lengths



### Stock/Delivery

Standard lengths ex-stock, typically made to order

### Features/Benefits

UK/EU Manufactured  
Rapid response  
Highly flexible  
Wide temperature range  
Long life

### Applications

Process industries  
Vessels and pipes  
Oil & Gas

### Ordering Information, Configurations

- Individual specification sheets and drawings available
- Please email your enquiry or sketch to [sales@itiuk.com](mailto:sales@itiuk.com)

Technical changes, replacements of material and printing errors excepted