



**Thermal Resources Management LTD**

**TEMPERATURE HOUSE**

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**RTD Data Sheet - Non MI Construction  
RTD Assembly**

Assembly Details:

Tube Material: 316 Stainless Steel.

Pt100 Detector: Thin Film Class 'A'

Part Reference: Pt100-Flexible

Table 1 - Tolerance Class				
Temperature °C	Class A		Class B	
	± °C	± Ω	± °C	± Ω
-200	0.55	0.24	1.3	0.56
-100	0.35	0.14	0.8	0.32
0	0.15	0.06	0.3	0.12
100	0.35	0.13	0.8	0.30
200	0.55	0.20	1.3	0.48
300	0.75	0.27	1.8	0.64
400	0.95	0.33	2.3	0.79

Notes.

RTD probes manufactured to IEC751.

Tolerance classes are to BS1904:1984-IEC751:1983.

Minimum immersion length = 100mm.

Maximum immersion length = 300mm.

Standard tail length = 1000mm

Maximum operating temperature = 250°C

Minimum operating temperature = 0°C

