

Sr. No.	Item / Specification	Quantity
01	Resistance Temperature Detector Part No. LU-1 Dual Element 6-Wire pt 100, Length of LU = 523mm As per attached specification & drawing M/s: THERMOCOAX, FRANCE	15 Nos.

Test & Controls,

1. Self heating under 2mA ----- 5%
2. Insulation resistance at room temperature ----- 100%
Criteria insulation resistance $\geq 10^7 \Omega$ under 100 VDC
3. Insulation resistance at 260° C (500° F) ----- 5%
Criteria insulation resistance $\geq 10^7 \Omega$ under 100 VDC
4. Response time ----- 5%
5. Calibration at 0° C , 150° C and 315° C line resistance / tolerance ----- 100%
Three points calibration data for each sensor is required.
6. Vibration / seismic resistance test ----- 100%
7. Visual inspection ----- 100%
8. Cleanliness ----- 100%
9. Identification ----- 100%

Each RTD should be identified etched on the connector.

Each RTD should be contained in a sealed polythene bag.

Terminal lugs should be anti-corrosion and gold plated.

Documentation to be supplied

The supplier has an implemented quality system ISO 9001 latest version.

All the QA/QC documents /organization / structure are detailed in the supplier's QA manual.

Documentation

- a. Manufacturing quality plan.
- b. Drawing
- c. Procedure or instruction for information : Calibration Line resistance / Tolerance
Response time procedure in water.
- d. Certificate of conformity
- e. Chemical analysis
- f. Individual control data sheet per identification No. which contains all the results of the tests and controls performed by the supplier.



