

PLATINUM RESISTANCE THERMOMETER (Low Range)

TYPE: PRT – 100
Quantity Required : 3 Sets (Each Set Consisting 200 Nos.)
Features :
MINERAL INSULATED PLATINUM RESISTANCE THERMOMETER (PT-100)
MEASURING RANGE : 0 - 350 DEG. CENT.
FOUR WIRE DESIGN PROVIDED WITH CONTINUOUS LEAD OF 2 METER LENGTH (Silver coated Copper wire) . This continuous lead should be mechanically protected with light weight spiral coil
PROVIDED WITH 4-PIN INTEGRATED FEMALE CONNECTOR. (MATCHING MALE CONNECTOR TO BE SUPPLIED WITH EACH RTD SEPERATELY AS LOOSE ITEM). Connector should be of gold / silver plated type)
PRT STEM TO BE PROVIDED WITH 6 MM OD SS-304 SHEATHING FOR PROTECTION.
IMMERSION LENGTH O F ELEMENT 400 mm (for 150 no) and 300mm (for 50 nos).
STEM TO BE PROVIDED WITH ADJUSTABLE M20 X 1.5 COUPLING WITH SUITABLE TEFLON FERRULE INSIDE
ACCURACY : 0.75 deg C
OTHER REQUIREMENTS :
1) All sensors shall be supplied with calibration certificates from any accredited lab such as NABL / UCAS / NIST or National Laboratories of any country for entire range (at 0, 50, 100, 150, 200, 250, 300, 350 Deg. Cent.) for this accuracy requirement .
2) RTDs should be packed (15 - 20 no in each box) in Suitable rugged, shock proof and portable hard top (Fibre body) carrying case
3) Three sets of O & M manual / literature , TC, GC, certificates of newness, calibration certificates for each sensor from any accredited lab such as NABL / UCAS / NIST or National Laboratories of any country for entire range (at 0, 50, 100, 150, 200, 250, 300, 350 Deg. Cent.) for this accuracy requirement to be supplied by the party .
4) The supplier should stand guarantee for minimum one year for trouble free operation of all sensors at various sites.
5) Parties not meeting any of above requirement (1 to 4) shall be outright rejected.
6) Inspection before dispatch at supplier's works. During this, calibration certificates shall be furnished .
7) Only authorized dealer / distributor of original manufacturer need send their quotations supported by valid authorization letter from principle confirming acceptance to all technical / commercial terms of purchase contract.
8) Sample for 4 pin male - female connector to be provided by purchaser for approval after placement of final PO.
9) PRT Sample approval from purchaser before final full lot of manufacture.
10) Detailed catalogue / Drawings must be furnished with offer for technical scrutiny.
11) Four digit Serial no. of each RTD to be punch marked at one place and also to be marked on a tag which will be allocated by BHEL later on



GENERAL REQUIREMENT :

- 1 Actual data of offered model to be filled against each specification supported by printed catalogue (Catalogue / Technical Specifications should be available on web site of OEM), otherwise the offer may be disqualified.
- 2 Documentary Proof for Service Centers including availability of spares in India for the Offered Model to be Submitted.
- 3 Documentary proof from OEM on the letterhead for authorised dealer / representative of the company (whose product is being offered) is essential.