



TRACTION MOTOR TEMP.SENSOR ASSM

TRACTION MOTOR TEMPERATURE SENSOR ASSEMBLY

PRODUCT CODE: NS1010.13

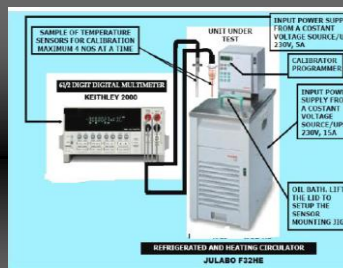
CUST.PART NO: 3EHM 311882P0002

TO 3Φ LOCOMOTIVE APPLICATION

INTRODUCTION:

An NSSPT Temperature sensor offers industry one of the most reliable, accurate, portable, compact and robust methods of sensing wide range of temperature. The sensor is capable of meeting the requirements of IEC 60571

TEST SETUP



WIDE FEATURES

- Specially designed for the complete versatility of wide sensing for industrial, locomotives and military Application.
- Low cost temperature protection for heavy-duty
- Delivers change in the resistance proportionate to the change in temperature.
- Small, compact – easy to install
- Designed for use in harsh working environments and hazardous areas.
- Maximum reliability for machine conditioning monitoring.
- Mechanically strong enough to withstand exposure to standard an assembly processes in electronic apparatus and shipment in such apparatus without malfunctioning or damage.
- Capable of meeting the requirements of IEC 60571.

THREAD GAUGES



DRY HEAT



APPLICATION

- Machine condition Monitoring
- 2 nos of PT100 Temperature sensing Elements are inserted in the hole provided on Traction Motor and is intended to measure/monitor the Temperature of the Traction Motor Windings.

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VIBRATION TEST



DAMP HEAT TEST



FACILITIES

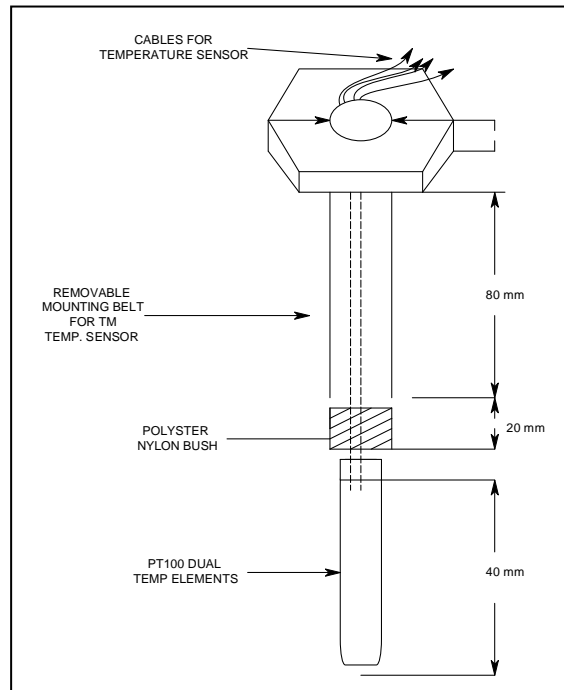


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TECHNICAL DETAILS (PHYSICAL)

PARAMETERS	
Type	PT100 Conforming to DIN/IEC 60571
Accuracy	Class B as per IEC 60571
Measuring Principle	Change in Resistance versus temperature
Sensor Socket	Stainless Steel
Operating Temperature Range	0-200 Deg C
Max Rated Temperature	260 Deg C
Housing Material	SS & Antistatic
Probe Dia/Length	4mm/40mm
Flexible Tube/Cable	4x0.5 SI/GL 1 Protective layer
Cable	Nickel Plated, 0.5mmsq PTFE Insulated
Voltage Test	500V,50Hz,1Min



Note: The Mounting Bolt designed and modified to suit actual application.

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