



TURBO SPEED



THREAD INSPECTION



TEST SETUP



VIBRATION TEST



TURBO SPEED SENSOR -16241332

PRODUCT CODE: NS1020.06

FOR WDG4 & WDP4 LOCOMOTIVE APPLICATION

INTRODUCTION:

NSSPT developed Turbo Speed Sensor is used in Diesel Electric Locomotive for control Circuitry.

The device with both the terminals tied together will withstand the voltage of 500 V AC, Rms 60 Hz to case for one minute. The maximum rate of application of voltage is 100 V AC rms/ sec.

The materials used are inherently non-nutrient to fungus and shall not blister, crack, outgas, blow or exhibit other immediate or latent defects that adversely affect storage, operation or environmental capabilities of these devices.

TECHNICAL DETAILS:

- Operating Temperature Range : -20 Deg C to +121 Deg C
- Storage Temperature Range : -30 Deg C to +150 Deg C
- Operating Air Gap : Min 1mm & Max 2mm
- Altitude : -300 to + 10,000 feet
- Relative Humidity : 0 to 100%
- Mounting Angular Rotation : Roll of ± 10 Deg c from the Centerline of the Misalignment gear
- Protection Classification : Fungus, Salt, Dust and water proof to IP65
- Electrical Connections : MIL grade connector as per Customer Requirement & application
- Housing Material : Stainless Steel.

N & S Solutions Pvt Ltd,

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DAMP HEAT



DRY HEAT



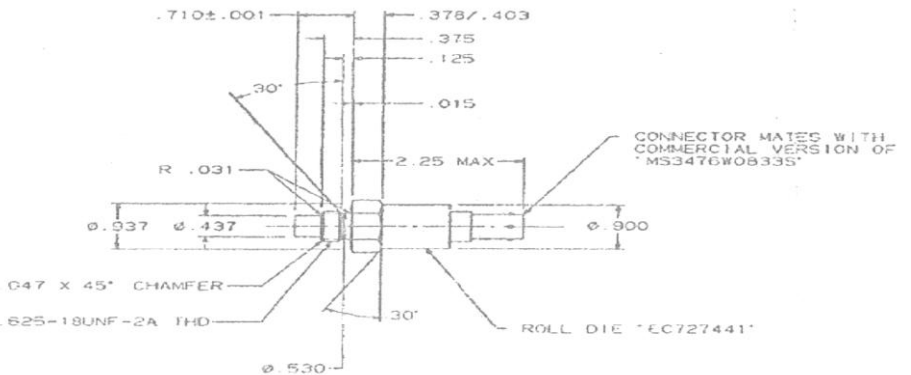
FACILITIES



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DIMENTION DIAGRAM:



FEATURES:

- Specially designed for the complete versatility of speed sensing
- Small, Robust easy to install.
- Designed for use in harsh working environment and hazardous areas.

APPLICATIONS:

- Diesel Electric Locomotives
- Detection of Direction and speed.

MEETS IEC 60571/ MIL 202F STANDARDS

EQUIVALENT TO DRG NO.: 40038643

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