



**SPECIFICATION FOR TRAVEL TRANSDUCER**

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**1. GENERAL**

These transducers are used for displacement and position measurement. They make an accurate position measurement of the movement of the armature relative to the body of the displacement transducer.

**2. PRINCIPLE OF OPERATION**

Travel transducer uses the principle of Linear Variable Differential Transformer (LVDT). The advantage of the LVDT sensor's principle is that there is no electrical contact across the transducer position sensing element which for the user of the sensor means clean data, infinite resolution and a very long life.

**3. TYPE**

Rectilinear Potentiometer Type SLS/190/125/5K/L/50/1

**4. ELECTRICAL STROKE**

Min stroke length 125 mm

**5. RESISTANCE**

≤ 2000Ω

**6. EXCITATION VOLTAGE**

5 to 12 Volt DC

**7. GUARANTEE CERTIFICATE:**

The item shall be guaranteed against all manufacturing defects. Guarantee certificate shall be furnished along with the supply, against defective material and performance.

**8. PACKING :**

Travel Recorder/Transducer shall be suitably packed to avoid damage during transit.

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