

National Shopping

DEPARTMENT OF CIVIL ENGG.

Tender for Equipment – NITT : 16/2006/TEQIP

Date : 4-10-2006

01.TCIVNS01- Strain and displacement measurement in large structures LVDT(5 nos)

Range: 100 μ m to 100mm: Excitation 1 Volt RMS. 4kHz sinusoidal; Sensitivity (normal)
100 μ m to 2000 100 μ m 0.5 m V/V/10 mm. 5mm &10mm 20 mm V/V/mm 20mm to 100mm
10mV/V/mm

Linearity deviation: $\pm 0.5\%$ of full scale

Hysterssis: $\pm 0.1\%$ of full scale

Repeatability : $\pm 0.1\%$ of full scale

Operating temperature : +10°C to 50°C