

LVDT in Ground Settlement

Determining how soil performs under load provides critical data for engineers concerned with calculating building loads for foundations of structures such as dams, bridges, railways and buildings.

A static force level instrumentation has been developed and installed to monitor the deformation of those constructs. Inside the instrumentation, LVDTs measure axial and radial strain in order for engineers to understand how the ground itself will deform.



SensPro's DC LVDT is stainless steel and water proved from humid environment. SLGD19 with 0-10VDC output and 0-50mm stroke transducers can pick up very small movements, accurately outputting data to a data acquisition unit.