

LVDT in Expansion Measurement

In civil engineering, it might require a reliable and accurate method of recording microscopic variations in the displacement of the outer concrete shell of a boiler. LVDTs are the products to meet the specification which measure and record variations in displacement of only about 100 microns across the concrete surface while compensating for variations in ambient temperature.



Expansion and contraction of the mounting surface could easily swamp the accuracy of delicate measurements. A solution of LVDT transducers is chosen on the basis of its performance, accuracy and reliability; it also proved to be a suitable, practical solution for this application.

The similar application includes expansion measurement of valves and etc.

