



D6P/S

Product code: Solartron D6P/S

Manufacturer: Solartron

Solartron range D6P/S has all the excellent features of standard digital displacement sensors but is only **6 mm diameter**.

The 6 mm diameter gauging probes like all Solartron's digital displacement sensors and displacement transducers can be combined using the Orbit Digital Measurement Network to quickly build a gauging system with sensors that operate and are calibrated straight from the box. Combining multiple sensors using the Orbit Digital Measurement network is easy and data can be read using a Solartron readout or the Gauge Computer Software making system integration simple.

Like a conventional LVDT the displacement probe tip is pushed out using an internal spring. The precision bearings inside the digital displacement sensor ensure precise positioning of the contact sensor tip. At the same time the unique bearing design provides repeatable measurements even when the displacement transducer is subjected to mechanical side loads.

Accuracy	> 0.1 μm
Body diameter	6mm
Measurement range	2mm , 5mm
Repeatability	> 0.05 μm
Resolution (um)	> 0.01 μm