



## D6J/P

**Product code:** D6J/P

**Manufacturer:** Solartron

The pneumatic versions of the narrow body digital displacement sensors (gauge probes) provide users with an effective solution to build automatic gauges for precision measurements of multiple parts. When the air is off the probe tips are automatically withdrawn enabling the part to be placed inside the gauge without contacting the displacement transducer tip. The narrow body displacement sensors facilitate checking of features that are close together which could not easily be measured using standard digital displacement sensors or conventional LVDT sensors.

Solartron Metrology has reduced the diameter of these displacement sensors without compromising the reliability, life or performance.

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. Attention to detail in both design and manufacture of the displacement sensor ensures precision measurement throughout the linear displacement transducer's life.

<b>Accuracy</b>	> 0.1 $\mu\text{m}$
<b>External Diameter</b>	6mm
<b>Measurement range</b>	2, 5, 12mm
<b>Repeatability (<math>\mu\text{m}</math>)</b>	> 0.05 $\mu\text{m}$
<b>Resolution</b>	> 0.01 $\mu\text{m}$