



## DF1

**Product code:** DF1

**Manufacturer:** Solartron

The DF miniature displacement transducer has a friction-free core and the DFg has a free guided core incorporating Derlin bearings.

All types incorporate a linear variable differential transformer (LVDT) as the measuring source together with oscillator, demodulator and filter providing a self-contained unit accepting a DC input and providing a DC output relative to armature position.

With high linearity and low mass of moving parts, these are ideally suited to applications in civil, mechanical, chemical and production engineering. Also, when mounted in a suitable load-sensitive member such as a proof ring or diaphragm, they can provide load or pressure measurement.

- Measurement range to 10 mm;
- High output;
- Two Types;
- Infinite resolution;
- Excellent repeatability;