



Druck DPI 705E

Series of handheld pressure and temperature indicators

The DPI 705E range provides accurate, reliable pressure and temperature monitoring in industrial and Hazardous area environments.

We combine a tough, durable design for single-handed use with new and improved features to ensure even greater accuracy and reliable pressure or temperature monitoring during commissioning, fault finding, and system testing, including leak testing. An extensive pressure range from 25mbar to 1400bar in Absolute, Gauge or Differential configurations with enhanced accuracy, provides 12-month uncertainty up to 0.05% full scale (FS) over a temperature range of -10°C to +50°C.

The DPI 705E series have integrated pressure sensors, designed to interface directly with external remote pressure or optional remote plug-and-play Resistance Temperature Detector (RTD) sensors providing even more flexibility whilst out in the field. Each pressure sensor holds integral calibration data, meaning a single DPI 705E can be used with multiple remote sensors, allowing various ranges to be measured in seconds. The sensors hold a record of the calibration date, which is relayed to the operator through the 'calibration due' countdown shown on the pressure indicator's display. The power-efficient design means that the indicators can be used for eight hours per day, six days per week for one year using a single set of batteries.

Features of the DPI 705E include:

The DPI705E can be used as a pressure or temperature reference from an external source for test and calibration. Enabling our customers to:

- Verify the presence and level of pressure during commissioning, fault finding and system testing (including leak testing)
- Verify the correct installation and function of a permanently installed pressure sensor (may include the use of a separate pressure source – i.e. hand pump)
- Monitor/record pressure readings
- Measure temperature (with the RTD-Probe functionality)
- Use data to make improvements to processes, product quality
- Performing all of the above in hazardous areas

Ideal applications for the DPI 705E

