

# Advanced Digital Readout for NCTE Torque Sensors

## Digital Readout Series 9100

This advanced digital readout is adaptable to all DPF Standard Sensors Series 2000. It offers a number of intelligent display modes including breakaway torque. With the different buttons you are able to program your filtering and also to calibrate your zero position. There are also options available to upgrade your device and expand the range of applications.



## Features

- Power from internal battery or external 12 Volt supply**
- 2x Series 1000 sensor input**
- 2x Series 2000 sensor input**
- 1x opto isolated input**
- 1x opto isolated output**
- 1x USB interface (future)**
- 1x RS232 interface**
- Continuous display mode**
- Target torque display mode (Peak or Continuous display)**
- Auto Peak reset mode for production assembly**
- Zero offset Calibration mode**
- Gain setting mode**
- Date/Time stamping events or measurement**
- Statistical  $C_{mk}$  analysis**
- Pulse Peak capture mode (fast sampling)**
- First Peak mode**
- Torque profile capture mode**
- Output bandwidth setting**
- Data capture synchronized to Opto trigger**
- Memory data download (16000 measurements)**

These sensors find applications in the monitoring and control of machinery and equipment in a wide variety of industries including power fastening tools, automotive, aerospace, factory automation, machine tools, textiles, white goods, pumps, mixers and exercise equipment. Anywhere, in fact, that rotating shafts are used to transmit power.