Piezoelectric Accelerometer Specifications
For use with the Pile Driving Analyzer® (PDA) October 2014

Compatible with Traditional wired connection (cable) or with Wireless Transmitter when used with PDA model PAX or 8G

Standard “Smart Sensor” technology.
Smart Sensors report their calibration to a PDA model 8G or PAX (PAX reporting in wireless mode only)
Mounting: Custom aluminum block (25 x 25 x 25 mm)
Circuit: Integral impedance converting electronics
Cable: Shielded, standard length 900mm (for wired connection) or 457mm (for use with wireless transmitter)
Sensitivity: Nominally 1.0 mV/g with 10 V.D.C. bias voltage input
Range: 5,000 g (Limit 10,000 g)
Frequency Range: 0.25 to 7000 Hz (resonant freq: > 40 kHz)
Temperature Range: -50° to 120°C operating
Time Constant: Nominally 3s
Attachment Method: Bolts to pile
Options: Full waterproofing, extra cable length