



*Pile Dynamics, Inc.*

**Piezoresistive (PR) Accelerometer Specifications\***

19-274

\*For use with the Pile Driving Analyzer® (PDA) and SPT Analyzer

Model K

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

PAX or 8G

PDI "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 45 x 25 x 30 mm (1.77 x .98 x 1.18 in)

Circuit: Full bridge

Cable: Shielded, standard length 1010 mm (39.76 in) for wired connection or 450 mm (17.71 in) for use with wireless transmitter other cable lengths available on request, maximum 50 m (164 ft)

Sensitivity: Nominally 0.07 mV/g with 6.4-volt DC input

Range: 10,000 g (Limit 20,000 g)

Frequency Range: DC to 4.5 kHz

Temperature Range: -12° to 55°C operating

Attachment Method: Bolts to pile

Options: other cable lengths