



Pile Dynamics, Inc.
www.pile.com • 1.216.831.6131

Technical Specifications

Piezoresistive (PR) Accelerometer Specifications*

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

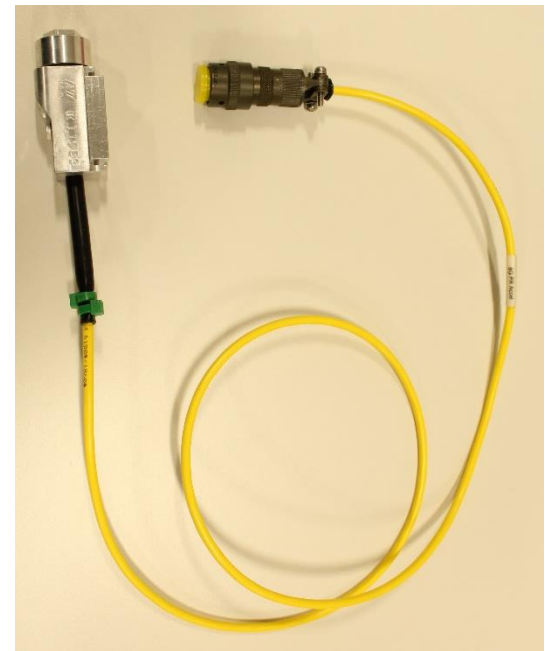
Nominally 0.07 mV/g with 6.4-volt DC input

Range

10,000 g (Limit 20,000 g)

Frequency Range

DC to 4.5 kHz



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



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Temperature Range

(Serial numbers 0 –10000) -12° to 55°C operating; (Serial numbers 10000+) -37° to 55°C operating

Attachment Method

Bolts to pile

Options

Other cable lengths