



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

## Technical Specifications

### SPT Rod Specifications\*

Compatible with a traditional wired connection (cabled) or with a Wireless Transmitter when used with PDA model 8G or PAX

Available with PDI Smart Sensor Technology

Various specialized drill rod sizes available; customized rods can be instrumented

#### Length

~0.6 m (~2 ft)

#### Material

Steel

#### Circuit

2 Full Wheatstone Bridges

#### Cable

Shielded, standard length for wired connection 25 mm (6 in); other cable lengths available upon request

#### Nominal Sensitivity

600  $\mu\epsilon/mV/V$

#### Strain Range

Nominally 3,000  $\mu\epsilon$  (functional to 8,000  $\mu\epsilon$ )

#### Shock Range

Nominally 5,000 g

#### Natural frequency

Greater than 2,000 Hz

#### Temperature Range

Operating -40° to 120°C (-40° to 248° F)





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## **Attachment Method**

Inline with drill rod, accelerometer mounting holes provided  
May be used for static load and structural monitoring