



*Pile Dynamics, Inc.*  
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## Embedded Strain Transducer Specifications

Compatible with Traditional (cabled) connection or with Wireless Transmitter when used with model PDA-8G, PAX, or SLT

Standard Smart Sensor technology

Smart Sensors report their calibration to a PDA model 8G or PAX (PAX reporting in wireless mode only)

### Sizes

#4 - 12.7 mm diameter (.5 in), steel rebar 91.4 cm (36 in); #5 - 15.9 mm diameter (.625 in), steel rebar 122 cm (48 in) length

### Material

Steel

### Circuit

Full Wheatstone bridge

### Cable

Shielded, length variable to specific needs

### Nominal Sensitivity

380  $\mu\epsilon/mV/V$

### Strain Range

Nominally 3,000  $\mu\epsilon$

### Shock Range

Nominally 5,000 g

### Temperature Range:

-50° to 120°C (-58° to 248°F) operating