



ADHAR INSTRUMENTS & SERVICES



VW Spot Weldable Strain Gauge

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Spot-Weldable Strain Gauges are designed to be welded or pasted for strain monitoring in steel/concrete structures and consists of vibrating wire element anchored at each end. Loading of the structures changes the length of the tube and results in changes in the tension of the wire. An electromagnet is used to pluck the tensioned wire and measure the frequency of the vibration.

APPLICATIONS

Steel Structures, Piles, Reinforced Bars, Dams, Bridges, Building,

FEATURES

- Quick and easy installation - Low profile
- High compliance - Pre-tensioned wire
- Excellent long term stability
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2016

SPECIFICATIONS

Sensor Type	Vibrating wire
Range	3,000 microstrain
Resolution	1.0 micrstrain
Accuracy	±0.1% FSR
Operating Temp.	-20°C ~ 80°C
Gauge Length	50mm