



Sanlien Technology Corp.

VW Rebar Strain Gauge



Be the frontier of environmental monitoring

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Introduction

VW Rebar Strain Gauge is a vital instrument designed to excel in the measurement of strain in concrete structures, diaphragm walls, and concrete piles. Engineered for reliability and performance, this instrument is a rugged, waterproof solution that ensures accurate measurements even in challenging conditions. Trust in its reliability and accuracy to provide critical data that empowers informed decision-making, enhances safety, and optimizes your projects.



Key Features



Alloy Pressure Sensor



Mechanical Locking



Multi Layers Cable Sealed



Temperature Sensor

Applications

- ✓ Measuring strain of tunnel linings
- ✓ Measuring strain of concrete foundation slabs and footings
- ✓ Monitoring strain of diaphragm walls
- ✓ Measuring strain in concrete piles and caissons

Best Suited



Concrete Structures



Diaphragm Wall



Concrete Piles

Specifications

Sensor type	Vibrating Wire Sensor
Accuracy	$\pm 0.25\%$ F.S.
Measuring Range	3000 kg/cm ²
Nonlinearity	$\pm 0.5\%$ F.S.
Sensitivity	0.08 kg/cm ²
Temperature Type	Thermistor
Temperature Resolution	0.1°C
Working Temperature	-30°C to 80°C
Dimension (W x L x H)	19.3 x 190 x 40.3 mm

*All prices, features, and specifications are subject to change without prior notice.

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Sanlien Technology is committed to making environments safe for humans. Hence, we insist on continuing R&D investments, perfecting our manufacturing of monitoring systems, and expanding into Smart City and IoT monitoring. With more than 1,000 local and international customers, Sanlien is trusted by global customers with high standards. By working with renowned agents around the world, we ensure the optimal performance and reliability of our services. With 50 years of profound experience in Taiwan, Sanlien has become the most exceptional provider of measuring technologies in the Asia-Pacific region. Sanlien has conceptualized the idea of being a global partner into a three-in-one strategy: long-term deployment of globalization, integration of local resources, and localized operations. We shall march on step by step with the stamina for running a marathon.

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