

0703 FBG Sensor

W9100-S



FBG Standard Mountable Strain Sensor

FBG standard mountable strain sensor uses a unique elastomer designed to measure the strain of an object repeatedly and stably. Mainly used in civil engineering construction monitoring and long-term health monitoring such as: bridge, interchange, high-rise building support beam monitoring.

FEATURES

- High Sensitivity
- Excellent Water Resistance
- Try the Tarsh Environment
- Excellent Repeatability and Reliability

USE IN

- Structural Health Monitoring (SHM)
- Condition Monitoring System (CMS)
- Production Equipment Diagnostics
- Hazardous Environments

Center Wavelength	1510 nm to 1590 nm
Strain Measurement Range	±1500 $\mu\epsilon$
Accuracy	1‰
Temperature Range	-10°C to 80°C
Cable Type	Armored Cable
Mountable	Welding
Dimension	12x12x102 mm

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 μm , 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.