

FT-R Ruggedized Fiber Optic Sensor



- **Measures total displacement along gage length**
- **Available in gage lengths up to 30 m**
- **Sub-micron resolution and 15 μ m accuracy**
- **All fiber optic – no EM emissions, immune to EMI/RF – safe for use in explosive or other hazardous environments**
- **Rugged construction – can be directly buried**
- **Fiber optic lead cable can be run several hundred meters back to instrumentation without signal loss**
- **Controlled pre-tensioning for measuring compression**

For more information please contact FOX-TEK @ (416) 665-2288
www.fox-tek.com

Specifications

Instrumentation	FOX-TEK FTI-3300 or higher
Sensor Length	1m, 2m, 5m, 10m, 20m, 30m standard, custom lengths available
Measurement Range	Up to 3% strain (limited by measurement range of demodulation instrument)
Mounting fixtures	1.25" O.D. threaded aluminum end-fittings
Operating Temperature	-25° to +55°C (limited by operating range demodulation instrument)