



NO STRESS WITH THE STRAIN SENSOR



Flexible design to measure strain in the most challenging applications



FEATURES

- Intrinsically safe (non-sparking)
- Immunity to EMI/RFI
- Multiplexing capability
- Loop and single end variants
- Long-term reliability



SPECS

- Highest sensitivity with InPhoTech's customized microstructured fibers
- High measurement range up to tens of me
 - No temperature cross-sensitivity
- Operating temperatures up to 800 °C
 - Fast & precise measurement
 - Ideal for remote sensing



APPLICATIONS

- Structural health monitoring
- Strain monitoring for industrial machinery
- Early hazard warning systems for underground excavations
- Pipeline rupture avoidance systems
- Hazard avoidance systems and fail-safe mechanisms for safe working conditions

Measuring strain allows more detailed analysis of flow, pressure and deformations in physical systems.