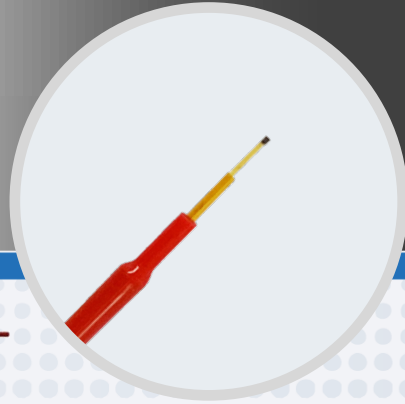


micronor sensors

**SENSORS
CONVERGE 2023**
Santa Clara, CA
June 20-22, Booth 609

POF, Single Mode
and Multimode
Fiber Optic
Sensors

PRECISION TEMPERATURE



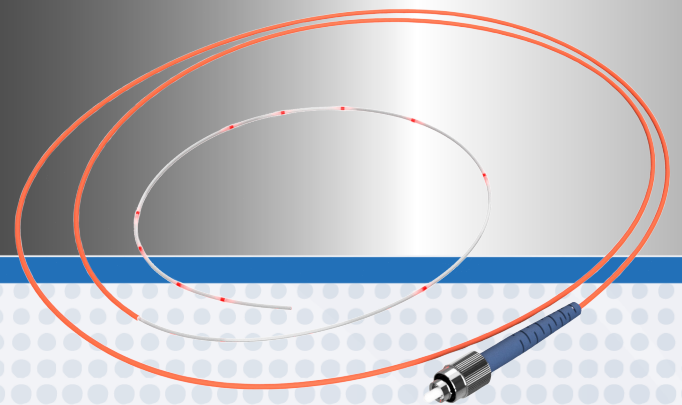
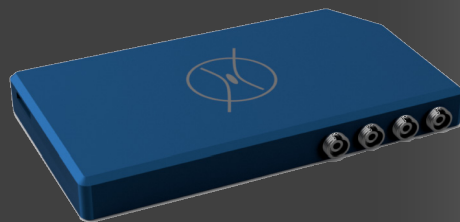
Measurement range -200°C to $+300^{\circ}\text{C}$
Industrial DIN Mount and Bench Top models

GaAs-Based FOTEMP Probes & Interfaces



MULTIPOINT STRAIN & TEMPERATURE

Single and multipoint FBGs can measure temperature, temperature gradients, strain, pressure, force, or vibration.



Fiber Bragg Gratings and Interrogators

SIGNALING



Remote single & multipoint e-stop and limit switch networks provide secure links up to 10km

FO Emergency Stop and Microswitch

POSITION & MOTION

For motion control applications requiring immunity to emi, rfi, magnetic fields, rf fields, electrical isolation, or Ex inherent safety



Absolute and Incremental



FO Rotary and Linear Encoders

For Sales and Service:

Micronor Sensors, Inc.
2085 Sperry Ave, Suite A-1, Ventura, CA 93003 USA
+1-805-389-6600 or sales@micronor.com
www.micronor.com

Authorized Stocking Distributor for:

- Weidmann - GaAs FO Temperature Sensors
- FiSens - FBGs and Interrogators
- Micronor - FO and EM Position, Encoders, Emergency Signaling, and Acceleration Sensors

micronor sensors

FIBER OPTICS IS FOR IMMUNITY TO THESE ENVIRONMENTS



EMI/RFI



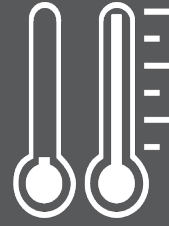
RADIATION



HIGH VOLTAGE



MAGNETIC FIELD



EXTREME TEMPERATURE



EXPLOSIVE ATMOSPHERE



LONG DISTANCE

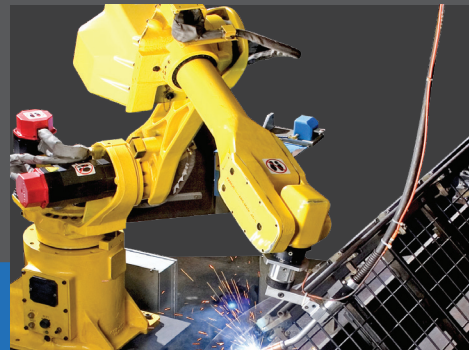
FOR APPLICATIONS BEYOND THE CAPABILITIES OF ELECTRONICS



MEDICAL



ENERGY



INDUSTRIAL



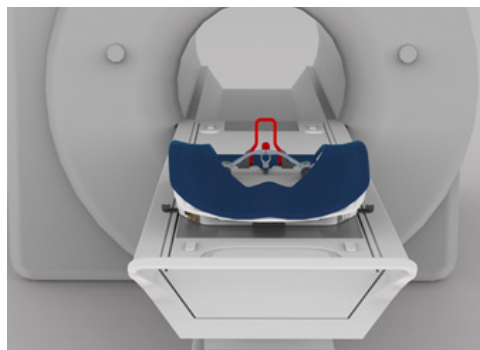
TRANSPORTATION

Non-metallic MRI Safe sensors enable new fMRI functionality and medical device development. Applications include MRI cradle position, MRI phantoms, and MRI-guided biopsy & surgical robots.

Utility and energy applications require immunity to high voltage and all dielectric design. Fiber optic encoders can monitor tap changer position, switchgear state, generator speed, and speed of top drives.

Industrial applications benefit from fiber's interference-free feedback and inherent safety. Applications include welding robots, smelters, mines, chemical plants, oil rigs, and food processing.

Electric railways, aerial trams, and aerospace benefit from the passive sensor's electrical isolation and immunity to high voltage & lightning. Missile launcher position feedback requires remote monitoring outside the blast zone.



Polymer Robotics
MRI-Guided Biopsy Robot



ITER Fusion For Energy
IVVS Inspection Robot



NASA Sounding Rocket
Launcher Upgrades



Las Vegas High Roller
Observation Wheel

CONTACT MICRONOR SENSORS WITH YOUR REQUIREMENTS

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