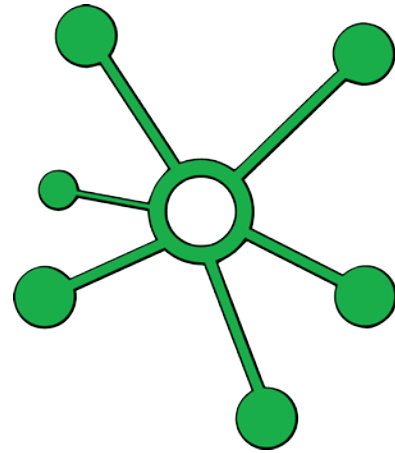




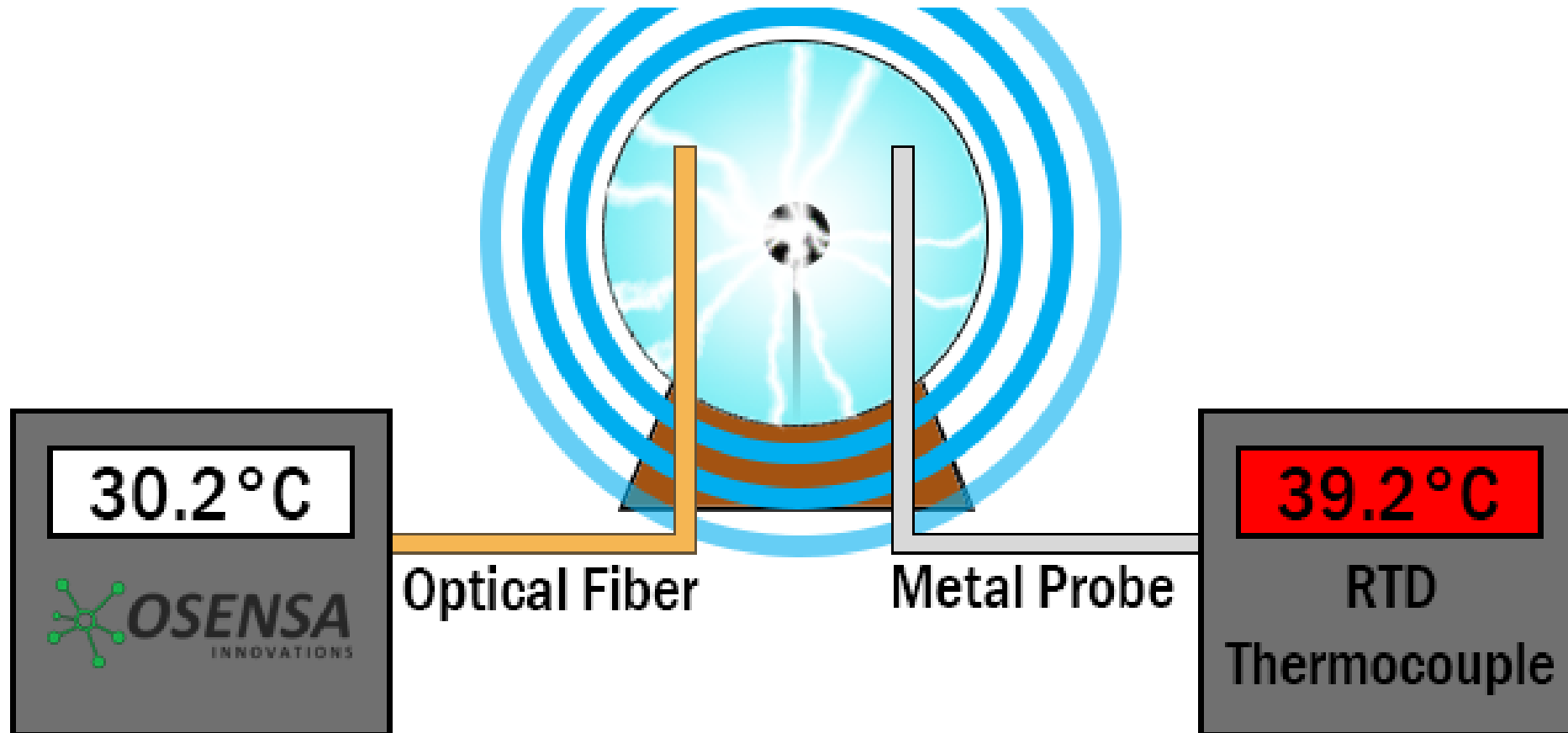
OSENSA
INNOVATIONS

Fiber Optic Temperature Sensing Solutions

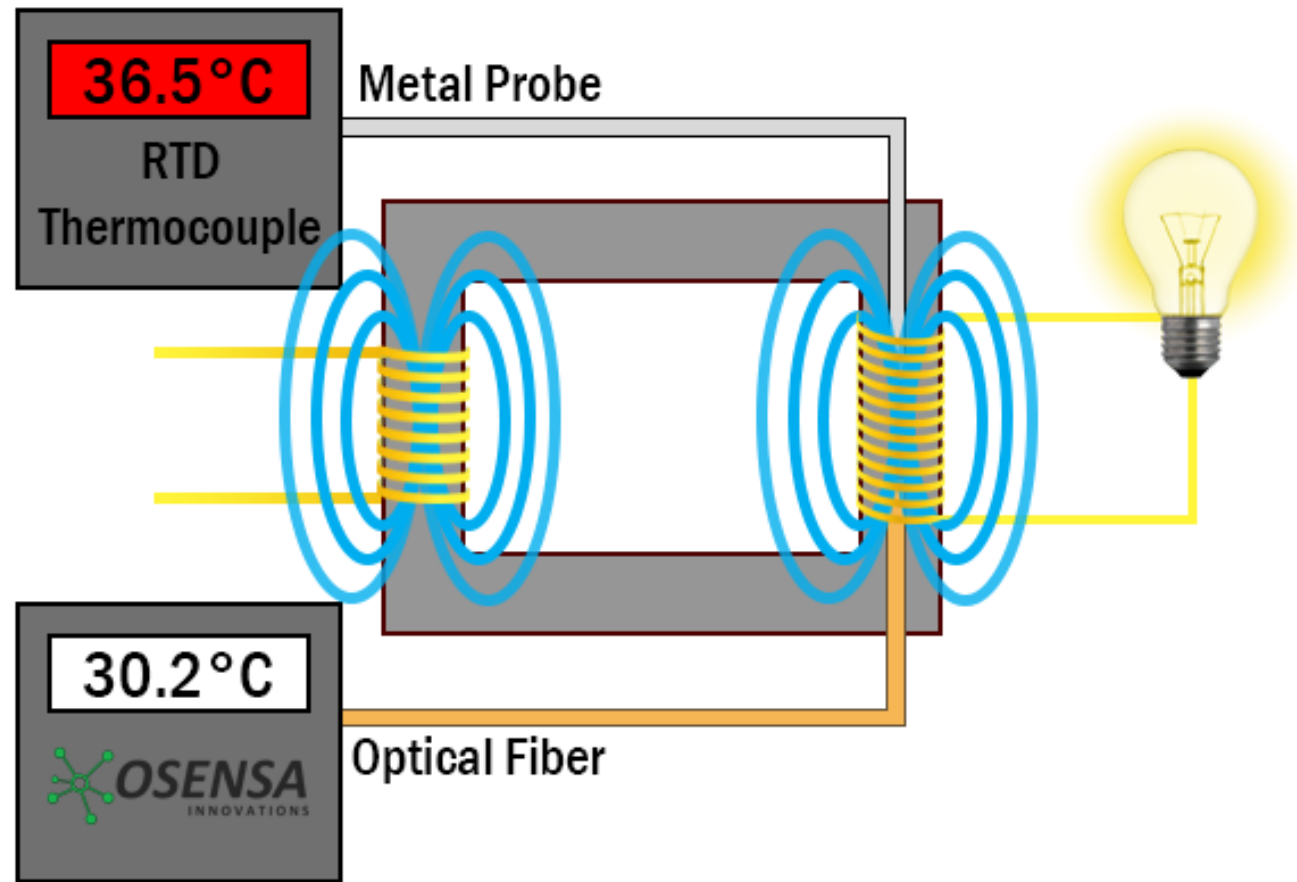
Find us at www.osensa.com



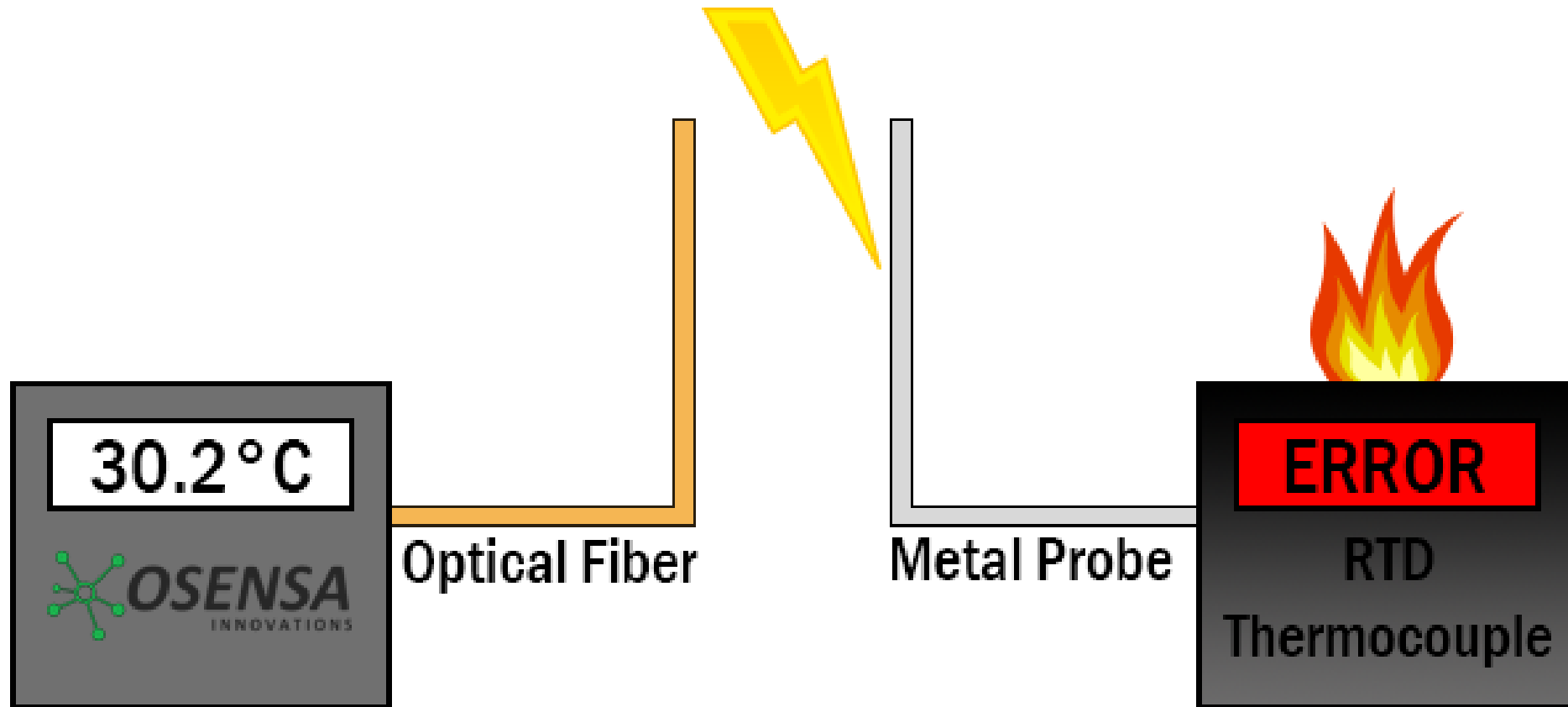
Fiber Optic Probes are Immune to EMI



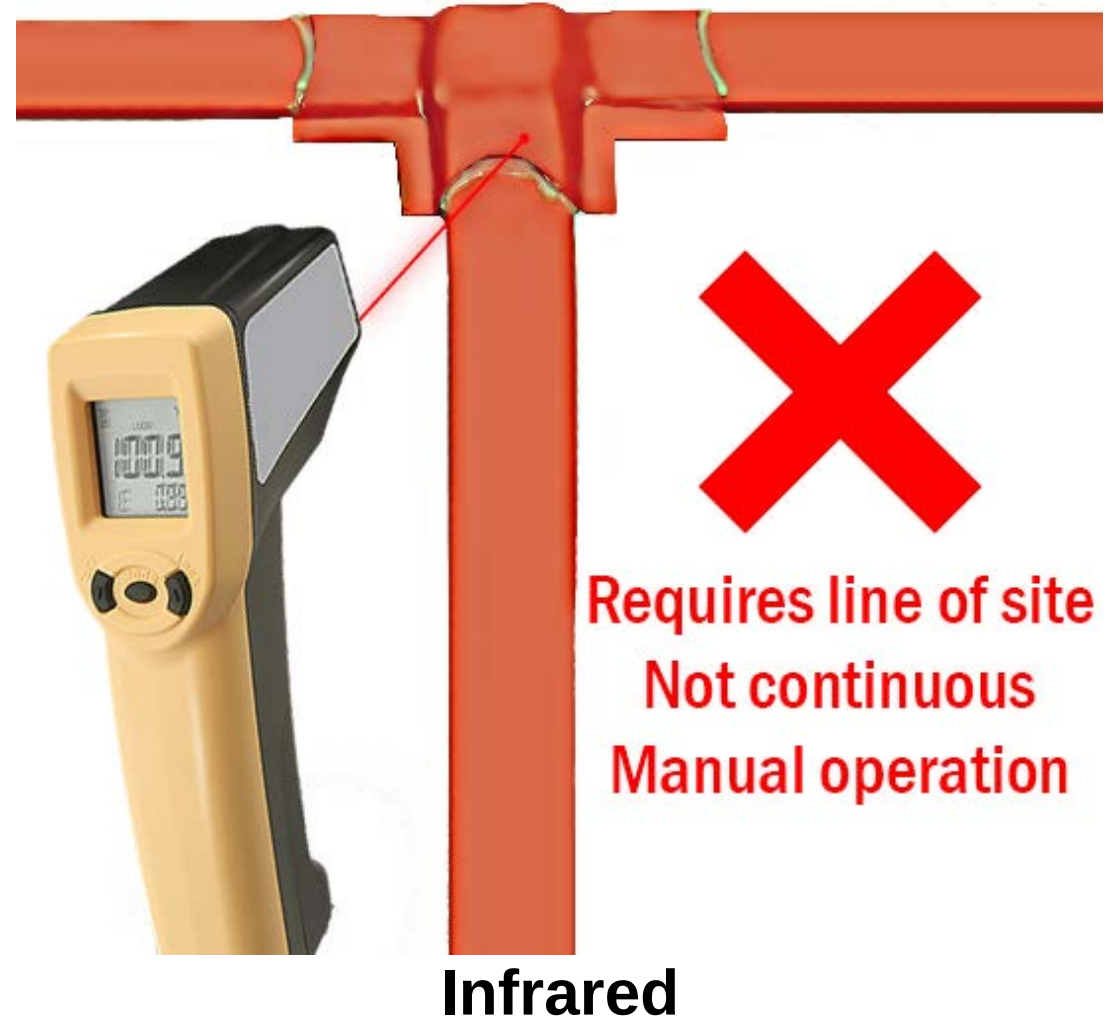
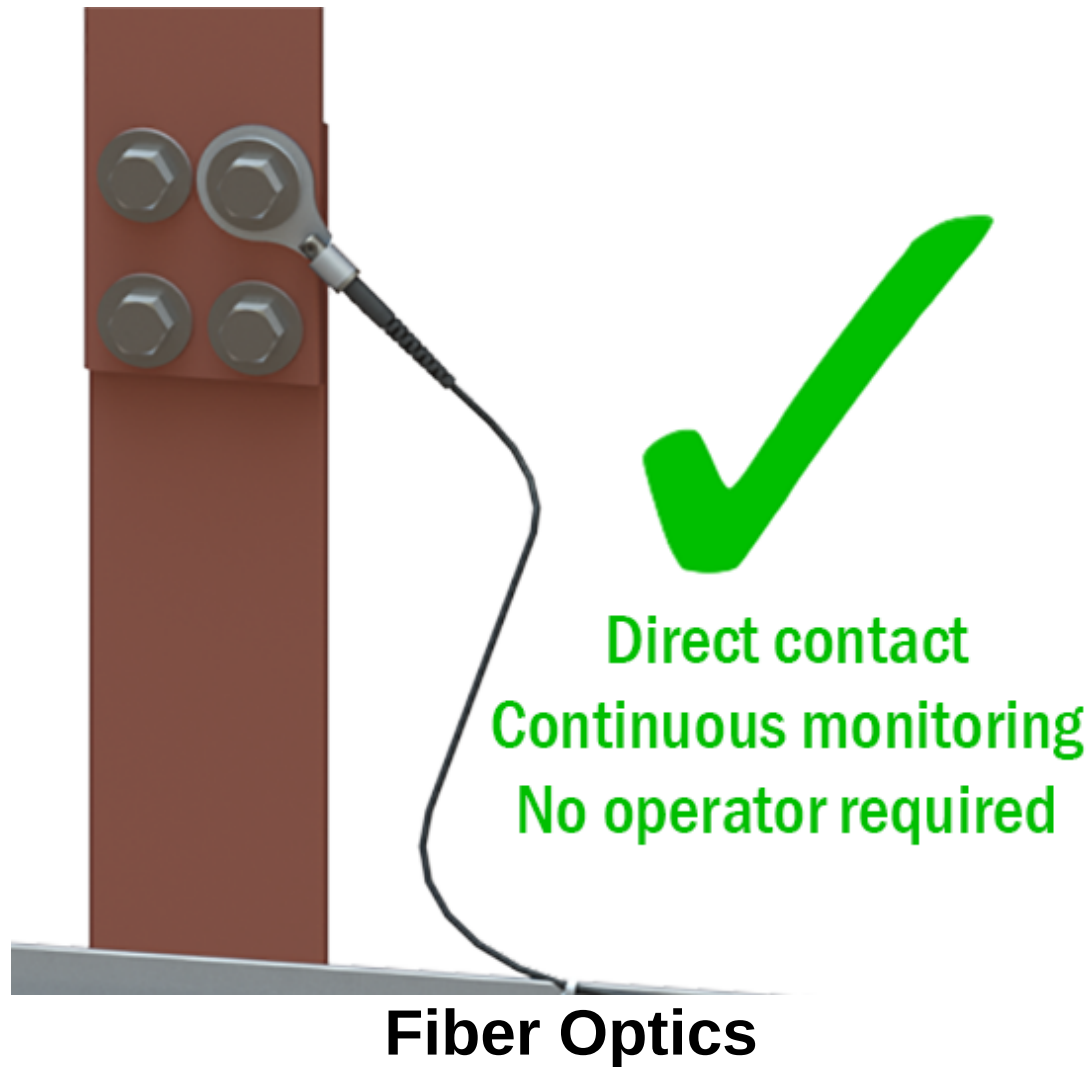
Fiber Optic Probes are Immune to EMI

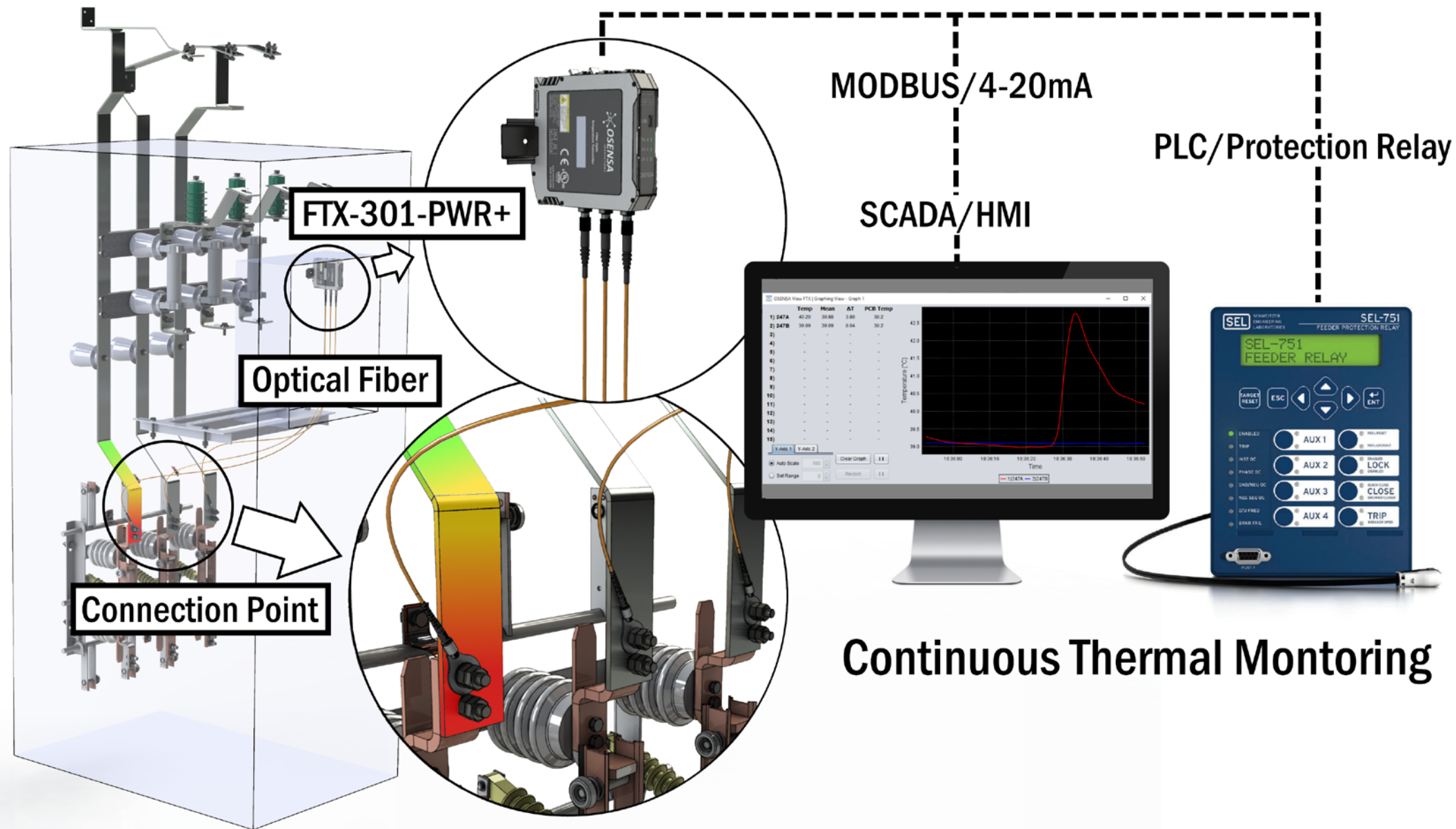


Fiber Optic Probes are Non-Conducting



Fiber Optics Versus Infrared





Probe Feedthrough

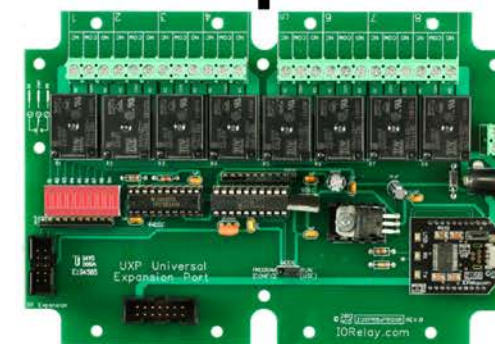
MODBUS/4-20mA

Optical Fibers

FTX-301-XFMR+

SCADA/HMI

Continuous Thermal Monitoring



Protection
Relay

NEW Products 2018

Low Cost Transformer Temperature Monitoring

- ♦ 1 to 18 Channels
- ♦ Touch Display
- ♦ Ethernet, USB, RS232

HMI-001-XFMR

Touch Screen Display Panel



ACC-FEEDTHRU-NPT

Tank Wall Feedthrough



FTX-301-XFMR+

Transformer Signal Conditioner



EXT-XFMR-10M-ST-ST

LSZH Extension Cable



PRB-XFMR-10M-ST

Transformer Temperature Probe



OSENSA Products

FTX-301-PWR+, FTX-602-PWR+

Applications: Bus Bars, Generators, Motors & Switch Gear

- 3 or 6 channels
- USB, RS485
- 4-20mA Output
- Low cost Polymer Probes or 200°C Glass bundle probes



FTX-101-OEM

Applications: OEM Solutions

- Serial UART or SPI
- 200, 400 & 1000 micron fiber Probes
- High Accuracy & Stability
- Low Cost, High Volume OEM Applications
- Fast Response time



FTX-301-XFMR+, FTX-602-XFMR+

Application: High Voltage Transformers

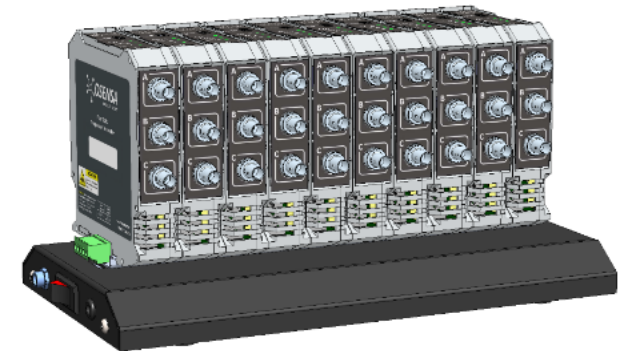
- 3 or 6 Channels
- USB, RS485
- 4-20mA Output
- Lumasense Luxtron™ Compatible
- 200 micron fiber Probes
- Fiber Feed-Thru



FTX-300-LUX+

Applications: Medical & Research

- 1 to 3 channels
- High Accuracy & Stability
- 200 & 400 micron fiber Probes



Field Installations

Switchgear
Bus Bar
temperature
monitoring

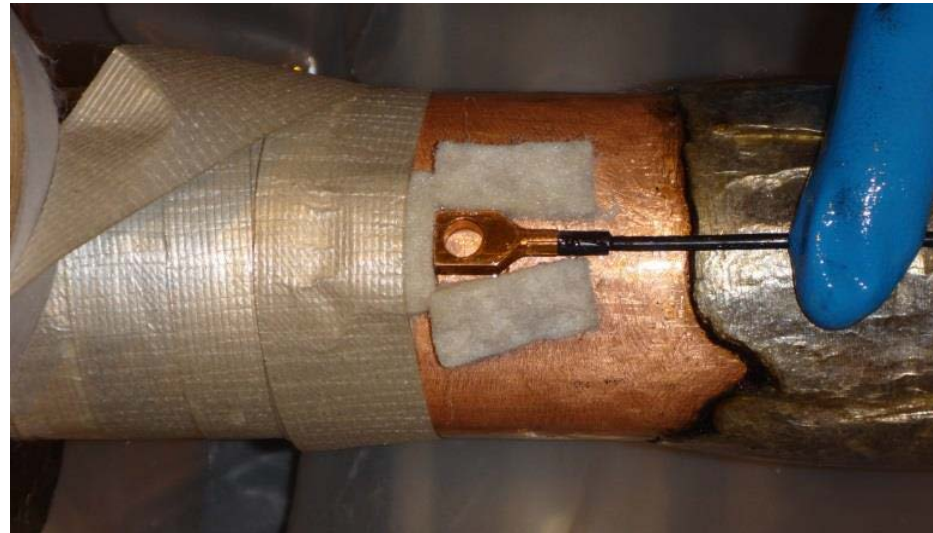


Using OSENSA's
GB3 Fiber Optics
Temperature
Probes



Field Installations

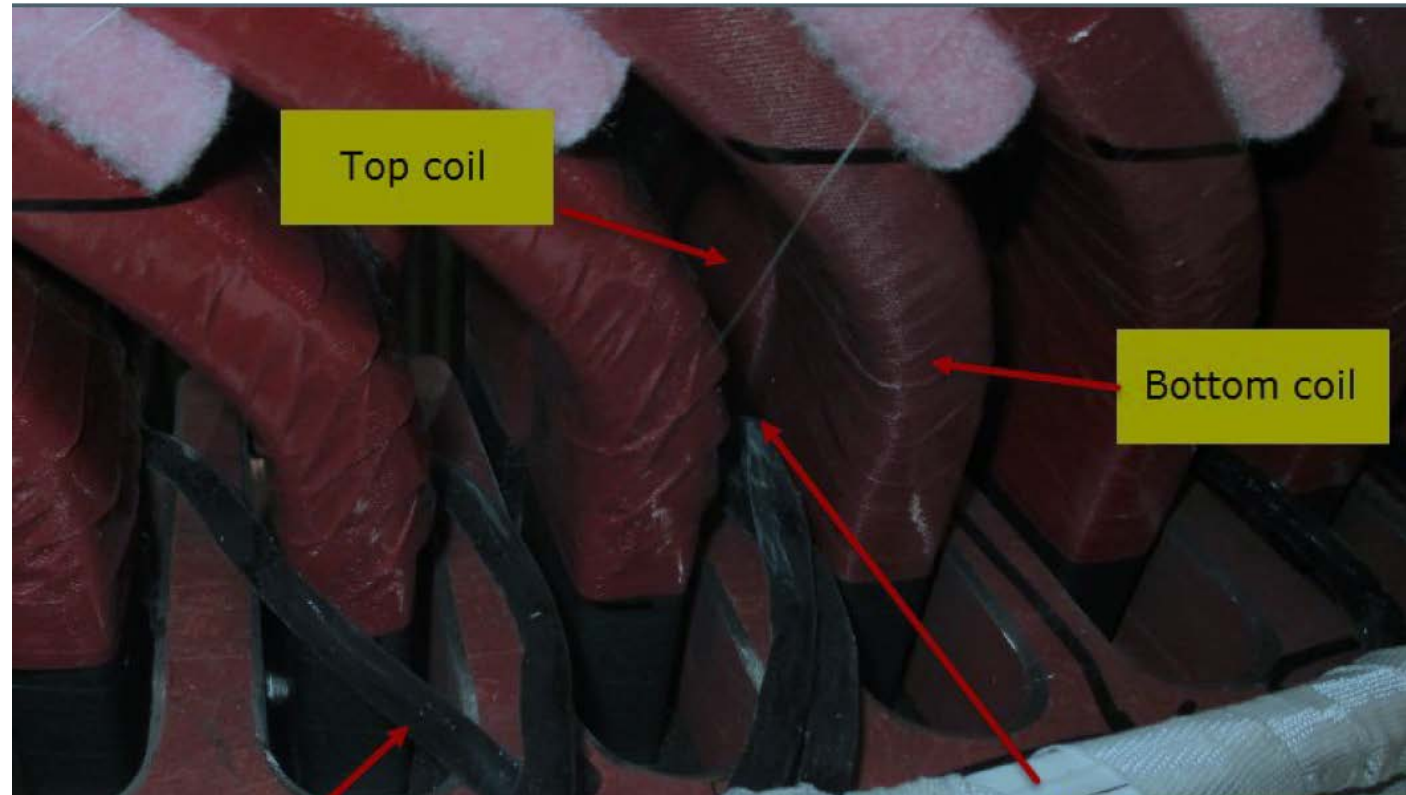
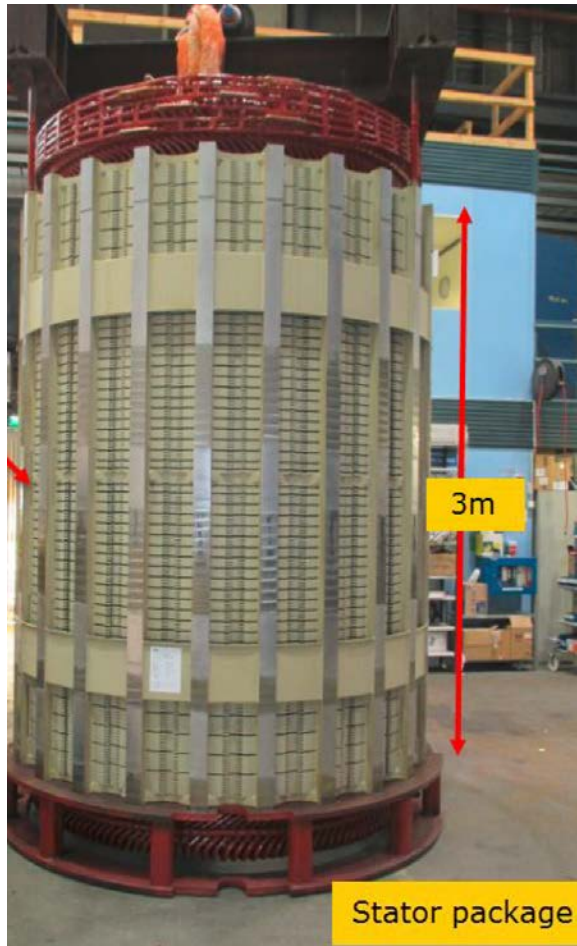
Bear Swamp
Hydroelectric
Generation Station
Circuit Ring
Fiber Optics
Temperature Probe
Installation



Using OSENSA's
GB3 Fiber Optics
Temperature
Probes

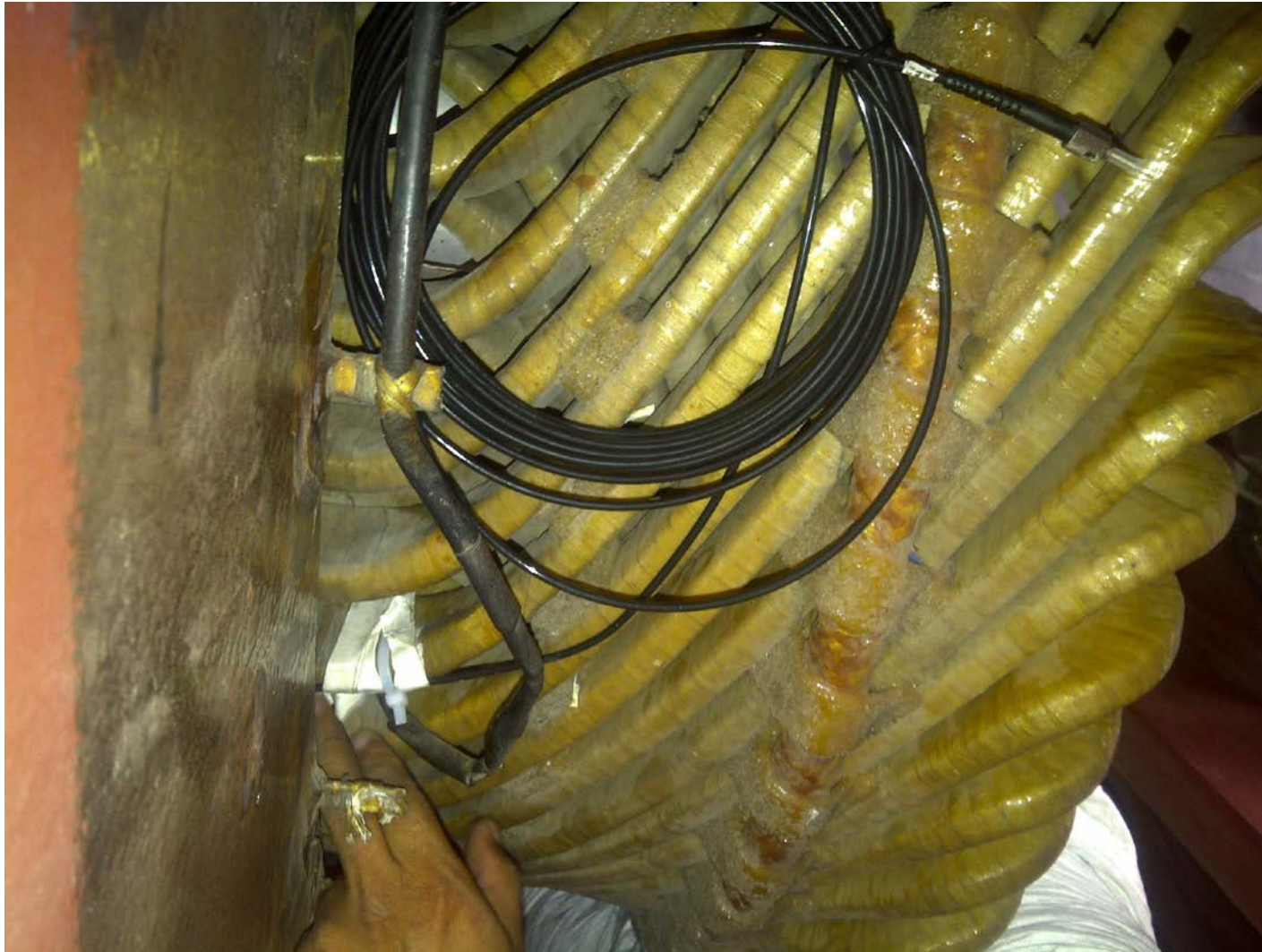


Field Installations



Field Installations

9000 HP
Three-Phase
Induction
Motor



Using OSENSA's
GB3 Fiber Optics
Temperature
Probes



Field Installations

Motor's
Stator
Winding



Using OSENSA's
GB3 Fiber Optics
Temperature
Probes



Field Installations

China's Three
Gorges Dam
generator



Using OSENSA's
GB3 Fiber Optics
Temperature
Probes

