

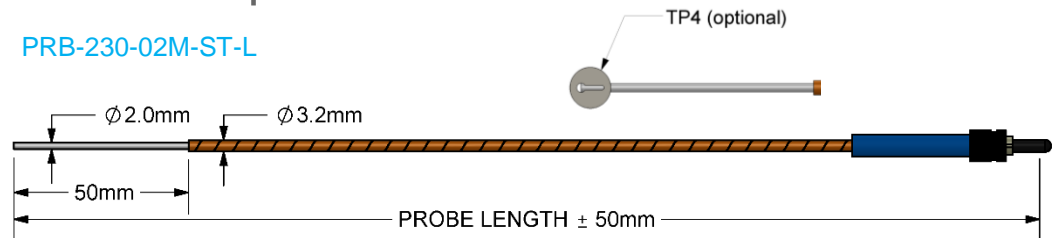
Oil-Filled Transformer Winding Temperature Measurement

Non-conducting, fiber optic probes with exceptionally long life

OSENSA's PRB-230 fiber optic temperature probes are specifically designed for oil-filled transformer applications where long life and accuracy are paramount. Not only are these probes stable and repeatable over the life of the transformer (no calibration required), they also offer industry leading accuracy, precision, and reliability. The PRB-230 style probes are fully compatible with all transformer oil types and kerosene desorption processes.

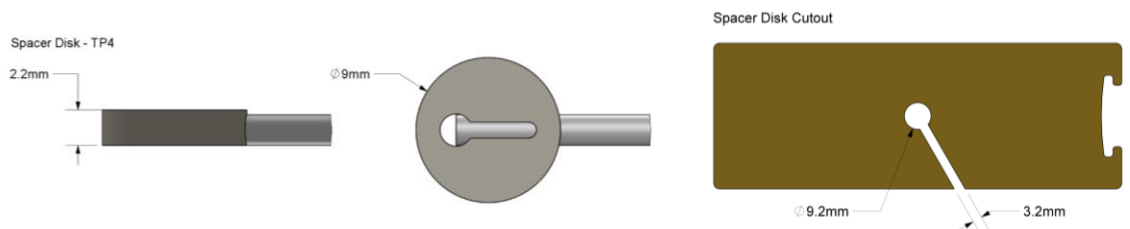
Product Specifications

PRB-230-02M-ST-L



System Specifications	PRB-230-02M-ST-L/TP4
Measurement Range	-40°C to 230°C
Accuracy	± 1.0°C
Immersion Response Time Constant	2.0s
Tip Diameter	2.0mm
Minimum Bend Radius	50mm
Probe Materials	PFTE & Polyimide
Dielectric Strength ASTM-D149	10 kV/mm
Partial Discharge IEC 60270	Less than 10pC

PRB-230-02M-ST-L-TP4



Notes:

- Compatible with OSENSA's FTX-101-XFMR+, FTX-201-XFMR+, FTX-301-XFMR+, FTX-402-XFMR+, FTX-602-XFMR+ fiber optic temperature transmitters.
- Probe lengths can be specified from 0.5m to 10m.
- Install in combination with tank wall feedthrough ACC-FEEDTHRU-NPT-200 and extension cable EXT-230-02M-ST-ST