

PRB-230

Fiber Optic Temperature Probe

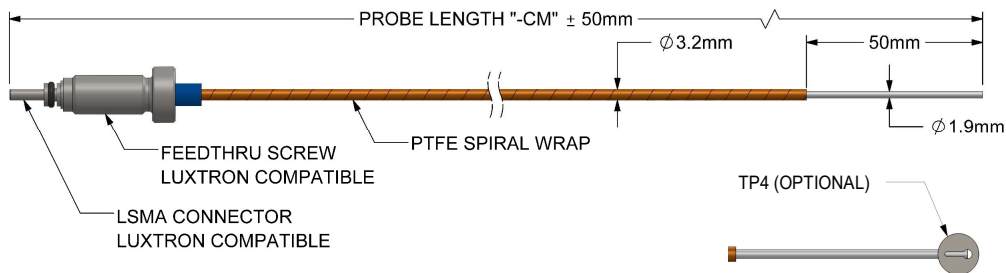
Oil-Filled Transformer Winding Temperature Measurement

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-CM-LSMA-L



Product Specifications	PRB-230-CM-LSMA-L/TP4
Calibrated Accuracy	± 1.0 °C
Stability (15 min)	± 0.2 °C
Noise (1 second averaging)	± 0.02 °C
Measurement Range	-40 °C to +230 °C
Immersion Response Time Constant	2.0 s
Fiber Core Diameter	200 µm
Tip Diameter	2.0 mm
Minimum Bend Radius	50 mm
Probe Materials	PFTE & Polyimide
Dielectric Strength ASTM-D149	10 kV/mm
Partial Discharge IEC 60270	Less than 10pC
Probe Length (-CM)	0.5 m to 10 m

TECHNICAL SUPPORT

OSENSA Innovations offers on-site support, commissioning, and training for all of its products. For immediate assistance with any technical issue, please contact support@osensa.com or call 1-888-732-0016.

WARRANTY INFORMATION

OSENSA Innovations stands behind its products and services. All fiber optic temperature probes and signal conditioners ship with a full one year repair or replacement warranty. You may also purchase an extended five year warranty. Some conditions apply.

CUSTOM OEM SOLUTIONS

OSENSA offers cost-effective design and consulting services at discounted rates for high-volume OEM customers. Let the engineering team at OSENSA Innovations help you rapidly develop custom probes for your research application. OSENSA's team has many years of experience designing fiber optic temperature probes for various laboratory environments.

FURTHER INFORMATION

For more information on any of our products or services please visit our website: www.osensa.com or email: info@osensa.com.



PRB-230

Fiber Optic Temperature Probe

TECHNICAL SUPPORT

OSENSA Innovations offers on-site support, commissioning, and training for all of its products. For immediate assistance with any technical issue, please contact support@osensa.com or call 1-888-732-0016.

WARRANTY INFORMATION

OSENSA Innovations stands behind its products and services. All fiber optic temperature probes and signal conditioners ship with a full one year repair or replacement warranty. You may also purchase an extended five year warranty. Some conditions apply.

CUSTOM OEM SOLUTIONS

OSENSA offers cost-effective design and consulting services at discounted rates for high-volume OEM customers. Let the engineering team at OSENSA Innovations help you rapidly develop custom probes for your research application. OSENSA's team has many years of experience designing fiber optic temperature probes for various laboratory environments.

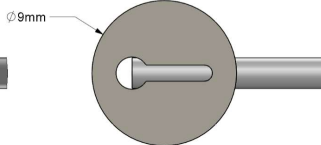
FURTHER INFORMATION

For more information on any of our products or services please visit our website: www.osensa.com or email: info@osensa.com.

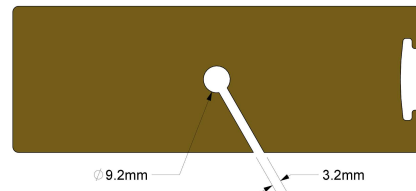


PRB-230-02M-ST-L-TP4

Spacer Disk - TP4



Spacer Disk Cutout



Notes:

1. Compatible with OSENSA's FTX-101-XFMR+, FTX-201-XFMR+, FTX-301-XFMR+, FTX-402-XFMR+, FTX-602-XFMR+ fiber optic temperature transmitters.
2. Install in combination with tank wall feedthrough ACC-FEEDTHRU-LSMA-0.5NPT and extension cable EXT-230-CM-ST-LSMA

How to Order

