

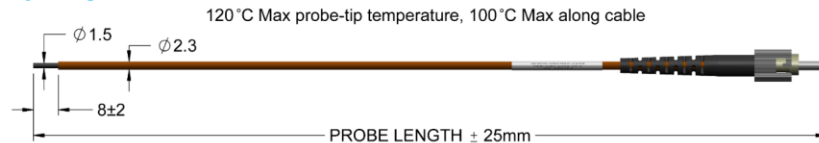
PRB-PF1 Fiber Optic Temperature Probe

Medium Voltage Temperature Measurement

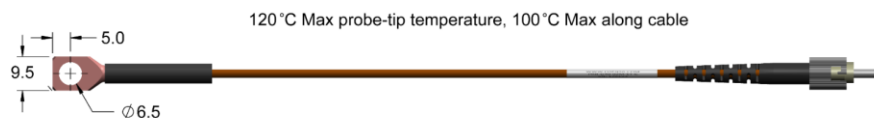
OSENSA's PRB-PF1 medium voltage fiber optic temperature sensors install on switchgear contacts, bus bars, cast resin transformers, motors, and generator windings to provide reliable 24/7 thermal monitoring with noise-free performance. The probes are constructed from durable, high dielectric strength materials and have been tested to safely operate on equipment rated up to 38 kV (3 phase)¹. They install quickly and can be ordered with optional probe-tip attachments suitable for various applications.

Probe Specifications

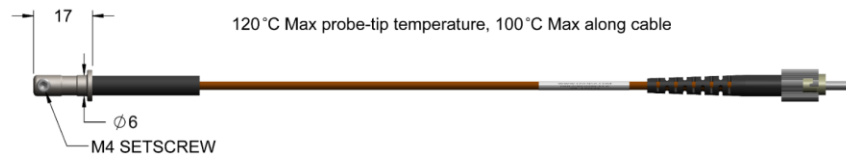
PRB-PF1-02M-ST-L



PRB-PF1-02M-ST-L-TP1



PRB-PF1-02M-ST-L-TP2



Model #	Maximum Rating	Sensing Range	Accuracy	Jacket	Bend Radius
PRB-PF1-02M-ST-L	38 kV, 3 phase ¹	-40 to +120°C	±1.0°C	Nylon	15 mm

CONNECTOR RING MOUNTING OPTIONS



Notes:

1. Tested to IEEE C37.23-2003 "IEEE Standard for Metal-Enclosed Bus".
2. Compatible with OSENSA's FTX-301-PWR+, FTX-302-PWR+, FTX-602-PWR+, HTX-100-PWR, and FTX-300-LUX+ fiber optic signal conditioners.
3. Probe lengths can be specified from 0.5m to 10m.
4. For longer distances add extension cable EXT-100-10M-ST-ST, in lengths from 2m to 20m.

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 power monitoring application. OSENSA's team has many years of experience designing fiber optic temperature probes for various industrial 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.

