

Fiber Optic Temperature Sensing for High Voltage Applications

HTX-100 Handheld Optical Thermometer with Bluetooth®



HTX-100

Convenient Fiber Optic Temperature Sensing

The HTX-100 series optical thermometer offers flexibility in the field with a portable, battery-powered, Bluetooth® enabled, temperature sensing probe diagnostic tool. Designed for applications in the power industry, users can freely monitor critical temperature sensing points and probe signal status with the backlit LCD screen, or log data in real-time to their smartphone over Bluetooth®. The HTX-100 can also connect to a computer using a USB-mini cable for data logging or to be configured using OSENSAVIEW software. The handheld unit is ruggedized with a shock-proof silicone cover making it a great choice to use while installing probes during transformer and switchgear manufacturing.

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 process control 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.



Product Specifications

Model Name	HTX-100
Number of Channels	1
Probe Connection Type	ST
Digital Interface	USB-mini, Wireless
Operating Environment	-40°C to +50°C
Measurement Range	-40°C to +200°C
Resolution	0.1°C
System Accuracy	±1.0°C
Update rate	30 Hz
Comm. Protocol	Modbus RTU, Half Duplex, Bluetooth® Smart
Display	Backlit LCD Character Display
Operating Humidity	0 to 90% RH (Non-Condensing)
Dimensions	122mm Long x 76mm Wide x 36mm Depth (with silicone cover)
Power	Standard 9V Alkaline or Rechargeable
Configuration Software	OSENSAVIEW or OSENSAVIEW Pro
Product Compliance (PENDING)	

Install in combination with OSENSA's PRB-GB3 and PRB-PF1 style fiber optic temperature probes.