Fiber Optic Temperature Sensing for Medium Voltage Applications

Certified System ™
SAI GLOBAL
ISO 9001
Quality

HTX-100-PWR Handheld Optical Thermometer with Bluetooth®

HTX-100-PWR

Convenient Fiber Optic Temperature Sensing

Designed for applications in the power industry, the HTX-100-PWR series optical thermometer offers flexibility as a portable, battery-powered, Bluetooth® enabled, temperature sensing and diagnostic tool. Users can quickly check probe health at time of install with the backlit LCD displaying both temperature and signal level. The HTX-100-PWR can also connect to a computer using a mini USB cable for data logging with OSENSAView Pro software. The handheld unit is ruggedized with a shock-proof silicone cover making it a great choice for use in OEM manufacturing and field service. The HTX-110-PWR model is designed specifically to support connector-less probe styles like the PRB-110 and PRB-910 used on medium voltage equipment.

Product Specifications

Model Name	HTX-100-PWR	HTX-110-PWR
LED Color	BLUE	RED
Probe Connection Type	ST	Bare Fiber Twist Lock
Digital Interface	USB-mini, Wireless	
Operating Environment	-20°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	CE FC	
Supported Probes	PRB-PF1 PRB-GB3	PRB-110 PRB-910

Note: Measurement range can be extended from -95°C to +200°C for some probe styles.