



TEMPERATURE MEASUREMENT



InteliTHERM™ SRTG Spectral Radiation Temperature Gauge



Features

- High accuracy ($\pm 2^{\circ}\text{C} + 0.2\%$).
- Instant temperature reading.
- User-friendly simple operation.
- Auto calibrate function

Introduction

The Proton InteliTHERM™ Spectral Radiation Temperature Gauge uses advanced IR (infrared) technology to precisely measure the temperature of any moving wire. The Proton SRTG has been specifically designed for wire temperature measurement and uses precision optical parts to ensure that the smallest wire can be accurately checked for temperature from 0.3mm to 5mm diameter and 80C to 300C.

Specifications

Specification	InteliTHERM™ SRTG
Temperature measurement range	Ambient temperature to +300°C (572F)
Accuracy	±2°C + 0.2%*
Bare wire diameter range	0.3mm - 5mm (0.0118 Inch - 0.18 Inch)
Max line speed	3000m/min
Display	LCD with LED back light
Ambient operating temperature	+5 ~ +40°C
Storage temperature	0 ~ +45°C
Interfaces	1x analog output ±10Vdc, 1x Relay output
Communication Interfaces	RS232, CAN-Bus

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