

CT Ratio Infrared Thermometer



DS3104

Features:

- Measuring ranges (°C): 700 to 1800
- Optical resolution 40:1
- Spectral range 0.7 to 1.1µm
- Insensitive to changes of the emission, due to the ratio principle
- Fibre optics, therefore passive sensor head
- Single- or two-channel use
- Resistant to electromagnetic influences
- Very short acquisition time of 5 ms
- Insensitive to dust or steam
- Up to 250°C ambient temperature without cooling
- Output options: 0/4 - 20mA, 0 - 5/10V, USB, RS232, RS 485, CAN, Profibus DP, Ethernet

Description:

The CT Ratio is a glass fibre 2 colour ratio thermometer for extreme temperature measurements. The ratiometric principle minimizes measurement errors caused by intensity change (e.g. contamination due to dust, fumes.), low emissivity and partial spot size coverage of the target.

With a measuring range of 700 - 1800°C, this product really handles the measurement of high temperatures with ease.

Supplied with this product is the temperature analysis software 'Compact Connect'. This has been developed specifically for the thermoMETER series of temperature measurement sensors. It allows extensive documentation and analysis of temperature measurement data, as well as configuration and saving of the sensor parameters.



General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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