



## Temperature Sensor -20-1200 Range Infrared Thermometer With 304 Stainless Shell

### Our Product Introduction

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#### Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: KTP-TM18-500A
- Minimum Order Quantity: 10 pieces
- Price: Negotiable
- Packaging Details: Polybag packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 100000 pieces per month



#### Product Specification

- Description: Short And Small Online Infrared Thermometer
- Mounting Type: Easy To Instal
- Output: 4-20mA
- Probe Length: Only 68mm
- Wide Measuring Range: -20-1200 (Segmentable)
- Shell: Standard 304 Stainless Shell
- Optical Resolution: 20:1 (at 90% Energy)
- Voltage: 12-24 V DC
- Highlight: **304 Stainless Shell Infrared Thermometer, Temperature Sensor Infrared Thermometer, 304 Stainless Shell Temperature Sensor**



## Product Description

### Temperature Sensor -20-1200 Range Infrared Thermometer With Easy-To-Read Display

#### KTP-TM18-500A series short & small online infrared thermometer

Highly cost-effective, versatile, compact, easy to install, and adaptable to a variety of work environment, the temperature effect is outstanding, it is an ideal choice for OEMs (system integrators) and end users.

Specifically designed for equipment with a temperature range of -20-1200 (segmentable). Made of standard 304 stainless steel protective shell, durable; no cooling time, withstand temperatures up to 60 °C.

There is a special integrated design of four-wire, three-wire and two-wire systems, users can complete the switching without the help of any tools, which greatly facilitates users to choose supporting equipment. Enhanced anti-interference to work in increasingly complex electromagnetic environments.

Product Features	
Probe length	Only 68mm
Wide measuring range	-20-1200 (Segmentable)
Shell	Standard 304 stainless steel
Optical resolution	20:1 (at 90% energy)
Response time	75 milliseconds (95% response)
Voltage	12-24V DC ultra wide voltage
Thermometer parameters	
Environmental level	IP64
Ambient temperature	0-60
Storage temperature	-20-80
Relative humidity	10-95%, no condensation
Dimensions	M18*1
Total length	68mm
Weight	128g
Measurement parameters	
Temperature range	0-500 (can be segmented)
D:S	20:1
Response wavelength	8-14μm
Measurement accuracy	±1.5% of the measured value or ±2.5, whichever is greater (ambient temperature: 23 ±5 °C)
Repeatability	±1 of measured value
Emissivity	fixed 0.95 or 1.0 (default 1.0)
Resolution	1
Electronic parameters	
Output	4-20mA
Cable length	2 meters standard cable or customized longer cable
Output impedance	50 ohms (@24V DC)
Power supply	12-24V DC, 20mA
Wire system	four, three, two wire systems can be switched freely

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