

FEATURES

- 110mm probe length
- 10mm probe diameter
- Maximum operating temperature of 250°C
- Fast Response Surface Probe
- Miniature Plug Connector

RS PRO K Immersion, Surface Temperature Probe

RS Stock No.: 712-8196



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

From RS PRO, comes a range of high quality and great value type K and type T immersion, surface temperature probes. Being able to maintain an accuracy reading of $\pm 0.25\%$, these 2 meter wire type K and type T probes offer a fantastic solution to measuring temperature. These probes are manufactured from stainless steel 316 with sealed silicone rubber tip for waterproof assembly throughout. This construction allows for immersion in liquid as well as being a fast response, K Type sensors, which typically have a temperature range from -200°C to $+1260^{\circ}\text{C}$, are known to be commonly used in a variety of industries and sectors. Type K sensors are very accurate and reliable across wide ranges of operating temperatures. Type T sensors have temperature ranges that run between -200°C to $+350^{\circ}\text{C}$.

General Specifications

Probe Type	Immersion, Surface
Sensor Type	K-Type Thermocouple
Minimum Temperature Measurement	-50°C
Maximum Temperature Measurement	$+250^{\circ}\text{C}$
Response Time	0.1s
Best Accuracy	$\pm 0.25\%$
Connector Type	Miniature Plug
Operating Temperature	-30°C to $+50^{\circ}\text{C}$
Applications	Computers, Home appliances, Calibration and instrumentation, Industrial equipment, Patient monitoring

Mechanical Specifications

Probe Diameter	10mm
Probe Length	110mm
Cable Length	2m

