

# pro<sup>sense</sup>® 10K-3 Thermistor Probes with Hex Nipple

**NTC10K3-H06L01-01**



## Overview

- NTC 10k Thermistor Type 3
- 1/4" diameter, 316 sealed stainless steel sheath to protect against harsh environments
- 6", 12", or 18" probe length
- 1/2" x 1/2" NPT hex nipple allows easy replacement of existing probes and connection to a wiring junction box
- Wiring
  - 2 feet of cable provided with 2 inches of 24AWG wire pre-stripped 1/4 inch and tinned
- Made in the USA



## 10K-3 Thermistor Probes with Hex Nipple

Part Number	Pcs/Pkg	Wt (lb)	Price	Drawing Link	Type	Probe Diameter (O.D.)	Probe Length	Temperature Sensing Range	Mounting
<a href="#"><u>NTC10K3-H06L01-01</u></a>	1	0.31	\$48.50	<a href="#"><u>PDF</u></a>	10K-AN Type 3 Thermistor	1/4"	6"	-40 to 125° C (-40 to 257° F)	Integral 1/2" x 1/2" NPT Hex Nipple, 316 SS
<a href="#"><u>NTC10K3-H12L01-01</u></a>		0.37	\$51.00	<a href="#"><u>PDF</u></a>			12"		
<a href="#"><u>NTC10K3-H18L01-01</u></a>		0.42	\$53.50	<a href="#"><u>PDF</u></a>			18"		

## Technical Specifications

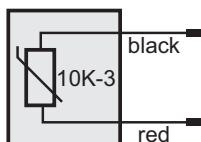
<b>Sensing Element</b>	Epoxy Coated NTC Thermistor
<b>No-Load Resistance</b>	10kΩ at 25°C
<b>Accuracy</b>	± 0.2°C from 0°C to 70°C
<b>Probe</b>	ø1/4", 316 stainless steel sheath
<b>Minimum Installation Depth</b>	3" (76 mm)
<b>Sensing Element Response Time</b>	Approximately 1 second*
<b>Wiring</b>	24 inches of PVC cable inside cover with 2 inches of 24AWG wire stripped and tinned

\* The sensing element has an approximate response time of 1 second in a well stirred liquid bath. Different constructions will have different thermal responses.



Note: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.

## Wiring Information



- No polarity

## Accessories



**CHSC-AL-1**

Part No.	Description	Pcs/Pkg	Price
<a href="#"><u>CHSC-AL-1</u></a>	ProSense general purpose screw cover connection head for temperature probes, die-cast aluminum, 1/2 inch NPT process opening, 3/4 inch NPT conduit opening, NEMA 4X, IP66 rated, graphite gasket, maximum temperature rating of 825°F (440°C). Order probe and terminal base separately.	1	\$23.00

*Note: Full listing of accessories available at the end of this section.*