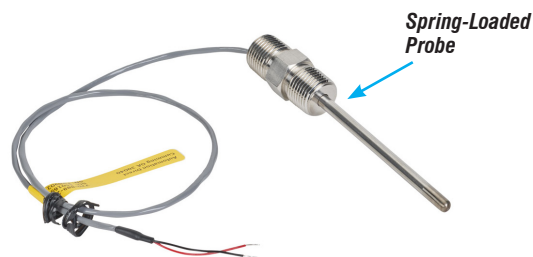


# pro<sup>sense</sup>® 10K-3 Thermistor Spring-Loaded Probes with Hex Nipple

**NTC10K3-H04L01-02**



## Overview

- Spring-loaded for positive tip contact in thermowells
- NTC 10k Thermistor Type 3
- 1/4" diameter, 316 stainless steel sheath to protect against harsh environments
- 4", 6", or 12" 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 Spring-Loaded Probes with Hex Nipple									
Part Number	Pcs/Pkg	Wt (lb)	Price	Drawing Link	Type	Probe Diameter (O.D.)	Probe Length	Temperature Sensing Range	Mounting
<b><u>NTC10K3-H04L01-02</u></b>	1	0.28	\$49.00	<a href="#">PDF</a>	10K-AN Type 3 Thermistor	1/4"	4"	-40 to 125° C (-40 to 257° F)	Integral 1/2" x 1/2" NPT Hex Nipple, 316 SS
<b><u>NTC10K3-H06L01-02</u></b>		0.30	\$50.00	<a href="#">PDF</a>			6"		
<b><u>NTC10K3-H12L01-02</u></b>		0.35	\$52.00	<a href="#">PDF</a>			12"		

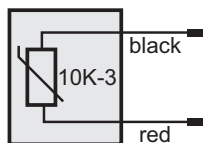
Technical Specifications	
<b>Sensing Element</b>	Epoxy Coated NTC Thermistor
<b>No-Load Resistance</b>	10kΩ at 25°C
<b>Accuracy</b>	± 0.2°C from 0°C to 70°C
<b>Probe</b>	ø1/4", 316 stainless steel sheath
<b>Sensing Element Response Time</b>	Approximately 1 second*
<b>Wiring</b>	24 inches of PVC cable inside cover with 2 inches of 24AWG wire stripped 1/4 inch 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: See end of section for thermowells to fit these units.

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
<b><u>CHSC-AL-1</u></b>	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.