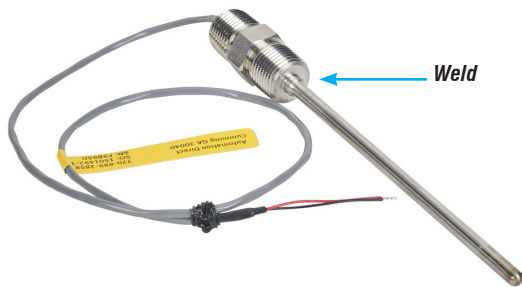# prosense® 10K-3 Thermistor Probes with Hex Nipple

NTC10K3-H06L01-01

← Weld

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
NTC10K3-H06L01-01		0.31	$48.50	PDF	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
NTC10K3-H12L01-01	1	0.37	$51.00	PDF			12"		
NTC10K3-H18L01-01		0.42	$53.50	PDF			18"		

Technical Specifications

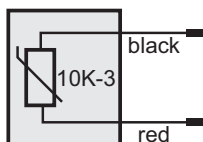|	
Sensing Element	Epoxy Coated NTC Thermistor
No-Load Resistance	10kΩ at 25ºC
Accuracy	± 0.2°C from 0°C to 70°C
Probe	ø1/4", 316 stainless steel sheath
Minimum Installation Depth	3" (76 mm)
Sensing Element Response Time	Approximately 1 second*
Wiring	24 inches of PVC cable inside cover with 2 inches 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
CHSC-AL-1	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	$24.50

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