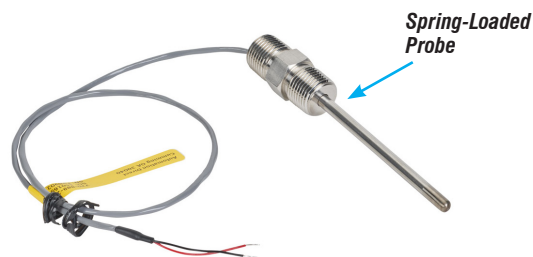


pro^{sense}® 10K-3 Thermistor Spring-Loaded Probes with Hex Nipple

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 |
| <u>NTC10K3-H04L01-02</u> | 1 | 0.28 | \$49.00 | PDF | 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 |
| <u>NTC10K3-H06L01-02</u> | | 0.30 | \$50.00 | PDF | | | 6" | | |
| <u>NTC10K3-H12L01-02</u> | | 0.35 | \$52.00 | PDF | | | 12" | | |

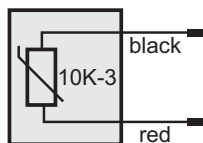
| Technical Specifications | |
|--------------------------------------|--|
| Sensing Element | Epoxy Coated NTC Thermistor |
| No-Load Resistance | 10kΩ at 25°C |
| Accuracy | ± 0.2°C from 0°C to 70°C |
| Probe | ø1/4", 316 stainless steel sheath |
| Sensing Element Response Time | Approximately 1 second* |
| Wiring | 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 |
|-------------------------|--|---------|---------|
| <u>CHSC-AL-1</u> | 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.