

proSense® 10K-3 Thermistor Probes with Lead Wire Transition

NTC10K3-T06L06-02



Overview

- NTC 10k Thermistor Type 3
- 1/4" diameter, 316 stainless steel sheath to protect against harsh environments
- 6", 12", or 18" probe length
- 4 point crimp and sleeve transition to PVC cable
- 6-foot cable with 2 inches of 24AWG wire pre-stripped 1/4 inch and tinned
- Made in the USA



10K-3 Thermistor Probes with Lead Wire Transition

Part Number	Pcs/Pkg	Wt (lb)	Price	Drawing Link	Type	Probe Diameter (O.D.)	Probe Length	Temperature Sensing Range	Mounting
<u>NTC10K3-T06L06-02</u>	1	0.11	\$33.50	PDF	10K-AN Type 3 Thermistor	1/4"	6"	-40 to 125° C (-40 to 257° F)	ProSense compression fitting (see accessories purchased separately)
<u>NTC10K3-T12L06-02</u>		0.16	\$37.00	PDF			12"		
<u>NTC10K3-T18L06-02</u>		0.20	\$40.50	PDF			18"		

Technical Specifications

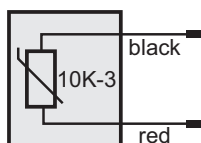
Sensing Element	Epoxy Coated NTC Thermistor
No-Load Resistance	10kΩ at 25°C
Accuracy	± 0.2°C from 0°C to 70°C
Probe	ø1/4", 316 stainless steel sheath
Minimum Installation Depth	3" (76 mm)
Sensing Element Response Time	Approximately 1 second*
Wiring	72 inches of PVC cable with 2 inches of 24AWG wire stripped 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: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.

Wiring Information



- No polarity

prosense® 10K-3 Thermistor Probes with Lead Wire Transition - Accessories

Accessories

Part No.	Description	Pcs/Pkg	Price
<u>BCF14-125N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$3.25
<u>BCF14-25N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$4.25
<u>BCF14-50N</u>	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$6.50
<u>CF14-125N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$8.00
<u>CF14-25N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$9.25
<u>CF14-50N</u>	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$14.00
<u>CFTF-14</u>	Teflon™ ferrule for brass or stainless steel compression fittings and 1/4 diameter temperature probes	5	\$7.75

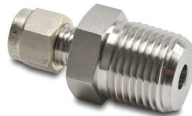
See end of section for full listing of accessories and dimension information.

* Working pressure of compression fitting should not exceed 500 psi. However, we recommend any pressure application use a thermowell.

CFTF-14



CF14-50N



CF14-25N



CF14-125N



Stainless Steel Compression Fittings

BCF14-50N



BCF14-25N



BCF14-125N



Brass Compression Fittings