

prosense® 10K-3 Thermistor Flange Mount Probes

NTC10K3-F06L06-01



Overview

- Ideal for use with freezers, ducts, or anywhere through the wall temperature sensing is required.
- NTC 10k Thermistor Type 3
- 1/4" diameter, 316 SS sheath to protect against harsh environments
- 6", 12", or 18" probe lengths
- Mounting is accomplished using the conveniently attached round mounting flange
- 6-foot cable with 2 inches of 24AWG wire pre-stripped 1/4 inch and tinned
- Made in the USA



10K-3 Thermistor Flange Mount Probes

Part Number	Pcs/Pkg	Wt (lb)	Price	Drawing Link	Type	Probe Insertion Length	Probe Material	Temperature Sensing Range	Mounting
<u>NTC10K3-F06L06-01</u>	1	0.12	\$37.50	<u>PDF</u>	10K-AN Type 3 Thermistor	6"	316 stainless steel	-40 to 125° C (-40 to 257° F)	1" diameter 1/16" thick 304 stainless steel flange (2x - ø0.144" mounting holes 0.75" spacing)
<u>NTC10K3-F12L06-01</u>	1	0.17	\$40.00	<u>PDF</u>		12"			
<u>NTC10K3-F18L06-01</u>	1	0.22	\$43.00	<u>PDF</u>		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	1/4" O.D., 316 stainless steel sheath
Minimum Installation Depth	3" (76mm)
Probe Minimum Bend Radius	Not bendable
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

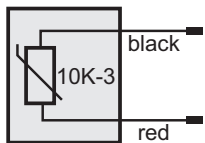
* The sensing element has an approximate response time of 1 second in a well stirred liquid bath. Different constructions will have different thermal responses.



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

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

Wiring Information



- No polarity