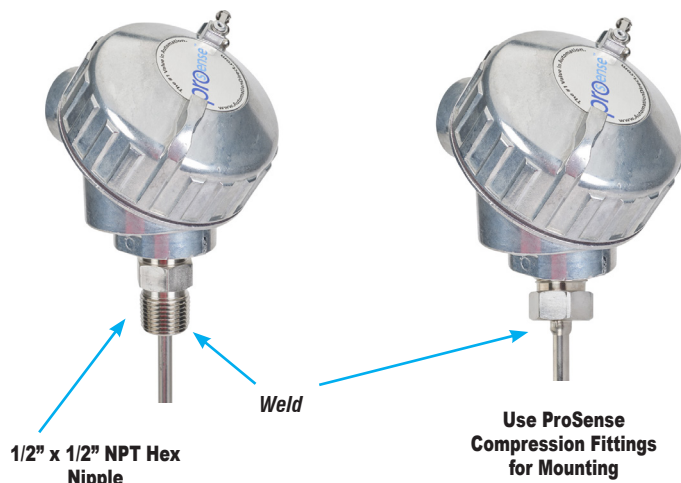


# prosense® 10K-3 Thermistor Probes with Connection Head

**NTC10K3-C06-01****NTC10K3-C06-02**

*Note: Full probe length not shown in photos*

## Overview

- Probe
  - NTC 10k Thermistor Type 3
  - 1/4" diameter, 316 SS sealed sheath to protect against harsh environments
  - 6", 12" or 18" probe length
- Connection Head
  - Cast aluminum NEMA 4X, IP66 screw cover head with gasket
  - One turn cover removal & installation eliminates cross threading and saves time
  - 3/4" NPT conduit opening with internal stop to prevent overtightening and installation damage
  - Gripping ribs on cover edge
  - Stainless steel cover chain
- 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 Connection Head									
Part Number	Pcs/Pkg	Wt (lb)	Price	Drawing Link	Type	Probe Diameter (O.D.)	Probe Length	Temperature Sensing Range	Mounting
<a href="#">NTC10K3-C06-01</a>	1	1.12	\$6a#q:	<a href="#">PDF</a>	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
<a href="#">NTC10K3-C12-01</a>		1.18	\$6a#s:	<a href="#">PDF</a>			12"		
<a href="#">NTC10K3-C18-01</a>		1.23	\$6a#t:	<a href="#">PDF</a>			18"		
<a href="#">NTC10K3-C06-02</a>		1.0	\$6a#u:	<a href="#">PDF</a>			6"		ProSense compression fitting (see accessories - purchased separately)
<a href="#">NTC10K3-C12-02</a>		1.09	\$6a#v:	<a href="#">PDF</a>			12"		
<a href="#">NTC10K3-C18-02</a>		1.16	\$6a#x:	<a href="#">PDF</a>			18"		

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>Minimum Installation Depth</b>	3" (76 mm)
<b>Connection Head</b>	Die-cast aluminum, screw cover with stainless steel chain, compressed graphite gasket, NEMA 4X, IP66, 3/4" NPT conduit opening, max temp. 221°F (105°C)
<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.

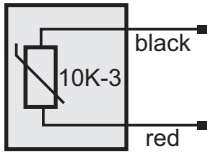


*Note: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.*

prosense®

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Wiring Information



- No polarity

Accessories

Part No.	Description	Pcs/Pkg	Price
BCF14-125N	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$ekq:
BCF14-25N	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$eks:
BCF14-50N	Compression fitting, brass, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$;ekt:
CF14-125N	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/8 inch NPT male thread	1	\$;ekj]:
CF14-25N	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/4 inch NPT male thread	1	\$;ek[:
CF14-50N	Compression fitting, 316 stainless steel, for 1/4 inch diameter temperature probes, 1/2 inch NPT male thread	1	\$0ek_:
CFTF-14	Teflon ferrule for brass or stainless steel compression fittings and 1/4 diameter temperature probes	5	\$;eal:

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