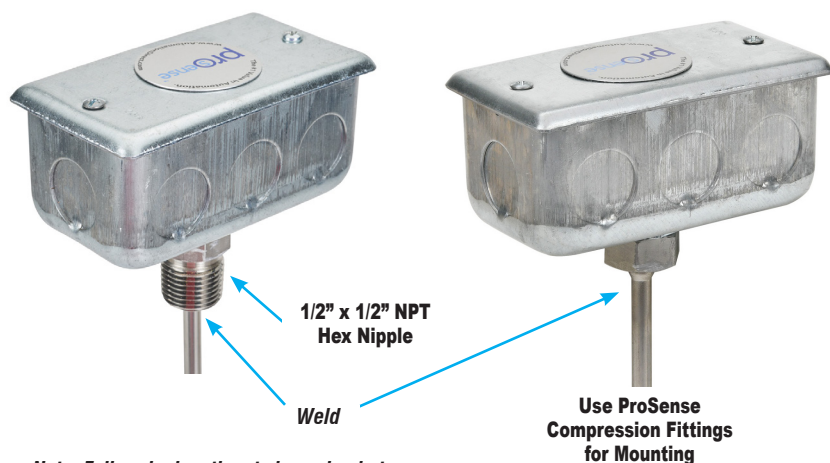


prosense® 10K-3 Thermistor Probes with Junction Box

NTC10K3-JB06-01NTC10K3-JB06-02

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
- 2" X 4" Junction Box
 - Nine, 1/2" knockouts for conduit and other connections
 - Easy install cover with two screws to keep cover securely closed
- 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 Junction Box

Part Number	Pcs/Pkg	Wt (lb)	Price	Drawing Link	Type	Probe Diameter (O.D.)	Probe Length	Temperature Sensing Range	Mounting
<u>NTC10K3-JB06-01</u>	1	0.89	\$,6a!3:	<u>PDF</u>	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
<u>NTC10K3-JB12-01</u>		0.96	\$,6a!4:	<u>PDF</u>			12"		
<u>NTC10K3-JB18-01</u>		1.0	\$,6a!5:	<u>PDF</u>			18"		
<u>NTC10K3-JB06-02</u>		0.81	\$,6a!6:	<u>PDF</u>			6"		ProSense compression fitting (see accessories - purchased separately)
<u>NTC10K3-JB12-02</u>		0.86	\$,6a!7:	<u>PDF</u>			12"		
<u>NTC10K3-JB18-02</u>		0.93	\$,6a!8:	<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	ø1/4", 316 stainless steel sheath
Minimum Installation Depth	3" (76 mm)
Junction Box	2" X 4" galvanized steel junction box with multiple conduit openings, max temp. 221°F (105°C)
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.

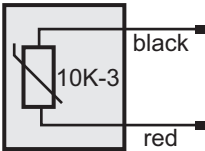


Note: Check the chemical compatibility of the sensor's wetted parts with the medium to be measured.

prosense®

10K-3 Thermistor Probes with Junction Box

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	\$;ekj]:
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.