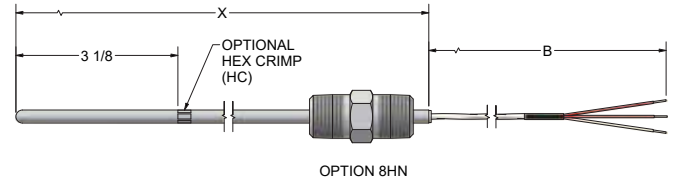
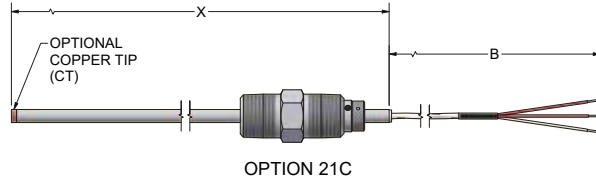


Cut to length RTD sensors are used as a replacement solution when a temperature sensor unexpectedly fails and a direct replacement is not readily available. They can be cut to a specific length in the field using a standard tube cutter. This design is ideal for maintenance technicians to customize an RTD to fit a variety of applications and installations, thus reducing downtime. The RTD's listed on this page are supplied with a 316 stainless steel sheath and can be cut to any desired length 3 inches or over.



ORDER CODES

Example Order Number: 1-0 1-1 1-2 1-3 2-0 3-0 4-0 5-0
R1T185L48 3 - CT - 024 - VCL - 21C - T3024 - 2

1-0 Platinum RTD Elements ($\alpha = 0.00385 \text{ } ^\circ\text{C}^{-1}$)

CODE		TOLERANCE	TEMP RANGE
SINGLE	DUPLEX		
R1T185L	R1T285L	100 ohm Grade B	(-200 to 200) °C
R3T185L	R3T285L	100 ohm Class AA	(-50 to 200) °C
R5T185L	R5T285L	100 ohm Class B	(-30 to 150) °C
RBF185L	RBF285L	100 ohm (1/2) Class B	(-50 to 200) °C
RAF185L	RAF285L	100 ohm Class A	(-30 to 200) °C
RBF195L	RBF295L	1000 ohm Class B	(-50 to 200) °C

1-1 Sheath Diameters (inches) 316 Stainless Steel

CODE	DIAMETER
38	3/16"
48	1/4"
68	3/8"

1-2 Element Connection

CODE	DESCRIPTION
2	2 wire
3	3 wire
4	4 wire

1-3 Optional Tip Selection

CODE	DESCRIPTION
CT	Copper Tip
HC	Hex Crimp to secure inner tube

2-0 Sheath "X" Length

Specify "X" Length in Inches Using (3) Digits

5-0 Terminations

CODE	DESCRIPTION
2	2" split leads, 1/4" stripped

4-0 RTD Extension Leadwire

CODE ^[1]	DESCRIPTION
T3J_ _ _	Fluoropolymer insulation - individual leads - stranded conductor
T3_ _ _	Fluoropolymer insulation - stranded conductor
T3B_ _ _	Fluoropolymer insulation - stranded conductor - stainless steel overbraid
F3J_ _ _	Fiberglass insulation - individual leads - stranded conductor
F3_ _ _	Fiberglass insulation - stranded conductor
F3B_ _ _	Fiberglass insulation - stranded conductor - stainless steel overbraid
K3J_ _ _	Polyimide insulation - individual leads - stranded conductor
K3_ _ _	Polyimide insulation - stranded conductor
K3B_ _ _	Polyimide insulation - stranded conductor - stainless steel overbraid

[1] Insert wire code number and 3 digit "B" length code in inches

3-0 Sheath Fittings

CODE	DESCRIPTION	NPT Size
00	No Fitting	N/A
05C	316 SS One-time adjustable fitting	1/2"
12C	316 SS Readjustable fitting	1/2"
19C ^[1]	Spring-loaded SS well fitting	1/2"
SL_ _	Adjustable Spring	N/A
21C ^[1]	316 SS Readjustable spring-loaded fitting	1/2"
21CD ^[1]	316 SS Readjustable spring-loaded fitting	1/2" x 3/4"
SC-8HN23	Self-contained spring-loaded 1/2" x 1/2" NPT Stainless steel hex nipple	1/2"
SN-8HN23	Self-contained spring-loaded with Buna-N oil seal - 1/2" x 1/2" NPT Stainless steel hex nipple	1/2"

[1] Only available with 3/16" and 1/4" OD sheaths