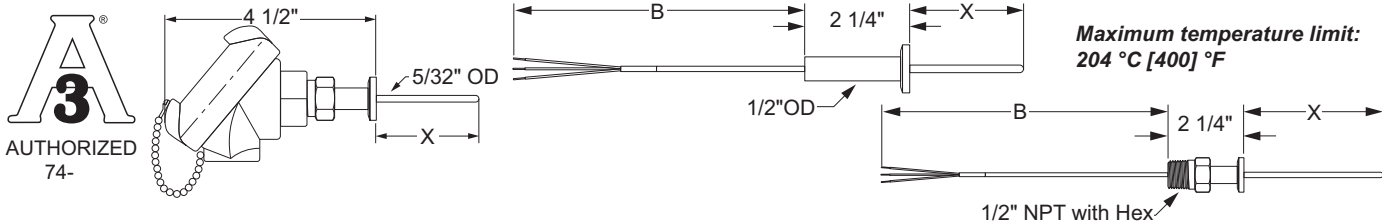


Miniature CIP sanitary RTD temperature sensors are provided with 16AMP sanitary caps to fit 1/2" and 3/4" tube size sanitary fittings. They are used in pharmaceutical, chemical, biotech, R & D laboratory, and food process applications. The sanitary caps are welded to the sheath and to a heavier support tube, all of 316 stainless steel, and then ground and polished to a finish that exceeds the No. 4 minimum finish required by the **3-A Sanitary Standard 74-**. Assemblies are supplied with a surface finish that meets or exceeds 15µin R_a. The process contact surfaces are free of pits, crevices, and pockets thus preventing corrosion and bacteria growth. All leads are Teflon® insulated to further provide moisture and chemical resistance. The listed sheath lengths provide assurance that the sensing element is properly placed in the flowing medium when used with typical sanitary tees and tube fittings, and the small sheath diameter provides fast temperature response times.



ORDER CODES

Example Order Number: **R1T185L(156)83** - **02** - **CIP** - **075-5** - **02** - **T3T120** - **3**

1 Pt100 ($\alpha = 0.00385\text{ }^{\circ}\text{C}^{-1}$) RTD Assemblies

CODE	INITIAL ELEMENT ACCURACY @ 0 °C (percentage)
R1T185L(156)83	± 0.1
R3T185L(156)83	± 0.03
R5T185L(156)83	± 0.01
RAF185L(156)83	± 0.06

2 Immersion Length "X"

Specify "X" length in inches using 2 digits, plus any fractional length desired
Examples: 02 = 2", 02(1/2) = 2.5"

3 16 AMP Sanitary Cap Size

CODE	DESCRIPTION
075-5	1/2", 3/4" 16AMP Cap Tri-Clamp®

4 Terminations

CODE	DESCRIPTION
91	316L stainless steel head
63	White polypropylene head
62	White polypropylene head, DIN form B
31,W	Aluminum screw cover head with white epoxy coating
02	1/2" OD, 2 1/4" long extension leadwire transition (requires table 5 and 6 selection)
8HP	1/2" NPT 316 SS hex fitting for conduit box or head mounting (use w/lead options from Tbl. 5 and 6)
Head Options	
T	Head-Mounted Transmitter (see Instrument Section)

6 Lead Terminations

CODE	DESCRIPTION
0	Leads not stripped
2	2" split leads 1/4" stripped
3	2" split leads w/spade lugs
4	Standard plug
6	Miniature plug

Options

CG	1/2" NPT weatherproof nylon cord grip on Teflon® covered flex. armor
HS	Head supplied with wire seal security screws
I	Stainless steel tags
MC	Mating Connector
CT	Ceramic terminal block

5 Extension Leadwire

CODE ^[1]	DESCRIPTION	TEMP RATING
T3	Teflon® Insulation - Stranded Conductor	204 °C [400 °F]
T3T	Teflon® Insulation - Stranded Conductor - Flexible Armour - Teflon Coated	204 °C [400 °F]
M3	Teflon® Insulation - Stranded Conductor - Stainless Steel Overbraid - Teflon® Insulation	204 °C [400 °F]

[1] Insert 3 digit "B" dimension in inches.