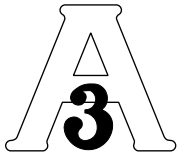


SPECIAL PURPOSE

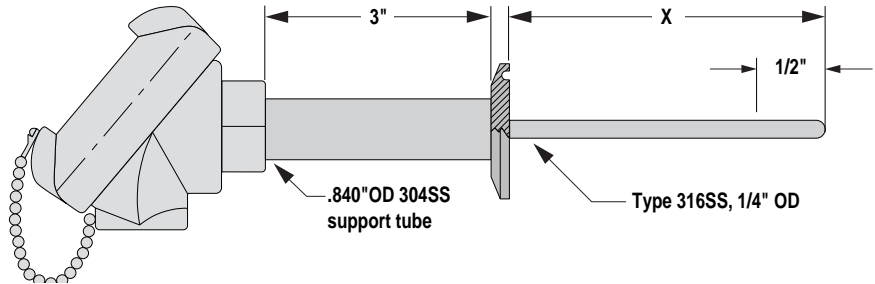
CIP SANITARY CONNECTED RTDs

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The below listed general purpose CIP sanitary connected RTD temperature sensors are used in food, dairy, beverage, pharmaceutical, and chemical processing applications where sensor corrosion and product contamination are critical factors. The sanitary caps listed are those most commonly used in such processes. The sanitary caps are welded to the sheath and to a heavier support tube, all of stainless steel, and then ground and polished to a finish that exceeds No. 4 minimum finish required by the **3-A Sanitary Council Standard #09 - 08**. The process contact surfaces are free of pits, crevices, and pockets thus preventing corrosion and bacteria growth. The three wire constructed sensor assembly consists of a high accuracy platinum element sealed inside a 316 stainless steel sheath and is provided with a FDA compliant white thermoplastic gasketed connecting head. The complete assembly provides excellent washdown protection, however it is recommended that once customer connections are made, the connecting terminals be further protected by applying a coating of moisture proof sealant over the connections. See catalog page SP - 1 for sealant.



Authorized
74-00



Maximum temperature limit: 400°F (204°C)

EXAMPLE ORDER NUMBER:

R5T185L48 | **04** | **3** - **CIP** - **2** - **5** - **63**

1-1

PLATINUM RTD ASSEMBLIES			
ORDER CODE	TEMP. COEF.	ACCURACY @ 0° C	OHMS VALUE
SINGLE			
R1T185L48	.00385	± .1%	100
R3T185L48	.00385	± .03%	100
R5T185L48	.00385	± .01%	100
R1T191L48	.00391	± .1%	100
R3T191L48	.00391	± .03%	100
DUPLEX			
R1T285L48	.00385	± .1%	100
R3T285L48	.00385	± .03%	100
R5T285L48	.00385	± .01%	100
R1T291L48	.00391	± .1%	100
R3T291L48	.00391	± .03%	100
THERMOCOUPLE ASSEMBLIES			
For CIP thermocouple assemblies use T/C types J, K, T, or E and options G for grounded junction or U for ungrounded junction as per example. EXAMPLE: T4804G - CIP - 2 - 5 - 63			

1-2

IMMERSION LENGTH "X"
Specify " X " Length in Inches Using 2 Digits, Plus any Fractional Length Desired
Examples: 04 = 4", 05(1/2) = 5(1/2)"

4

OPTIONS	
ORDER CODE	DESCRIPTION
63	White polypropylene head
31W	White epoxy coated aluminum head
0	Supplied w/o head w/6" teflon leads
T	Integral head mounted transmitter (See page RTD - 11)
HS	Head supplied w/ wire seal security screws
I	Stainless steel tags

3

SANITARY CAP STYLE	
ORDER CODE	DESCRIPTION
1	16A Cap - Tri Clover
2	16A Cap - Tri Clover w/13-H Nut
3	16APV Cap - Alloy Products
4	16APV Cap-Alloy Prod. w/13-H Nut
5	16 AMP Cap - Tri Clover
6	3A4 Adaptor (.50" OD Support Tube)
7	16A1-141 Cap Cherry Burrell
8	Other (Describe)
NOTE: See Page SP-1 for Cap Illustrations	

2

SANITARY CAP SIZE			
ORDER CODE	TUBE OD	ORDER CODE	TUBE OD
1	1(1/2)Inches	4	3 Inches
2	2 Inches	5	Other (Specify)
3	2(1/2)Inches		