

SPECIAL PURPOSE

RTDs with CIP SANITARY CONNECTED WELLS

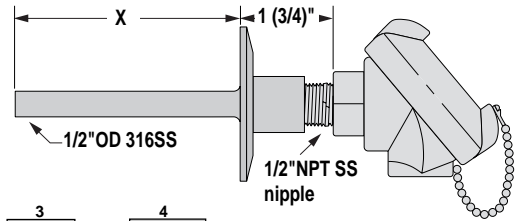
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The special RTD sensors listed below are constructed with the CIP sanitary connected cap welded onto the 316 stainless steel well, which is then mounted into the process with a clamp and mating sanitary cap that has been affixed to the process line or tank. A 3-wire spring loaded RTD element and sheath is then screwed into the 1/2" NPT coupling welded onto the rear of the well mounted sanitary cap. This construction method allows for easy removal of both the well and/or the sensor assembly. The well and sanitary cap in contact with the process are all ground and polished to a finish that exceeds the **3-A Sanitary Council Standard #09-08**. 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 page SP-1 for sealant.



Authorized
74-00

Maximum Temperature Limit:
400°F (204°C)



EXAMPLE ORDER NUMBER:

R5T185L48 ¹⁻¹ **06** ¹⁻² **3** - **WL88** - **2** - **5** - **63**

1-1

100 OHM PLATINUM RTD ELEMENTS		
ORDER CODE	TEMP COEF	ACCURACY @ 0°C
<i>SINGLE</i>		
R1T185L48	.00385	± .1%
R3T185L48	.00385	± .03%
R5T185L48	.00385	± .01%
R1T191L48	.00391	± .1%
R3T191L48	.00391	± .03%
<i>DUPLEX</i>		
R1T285L48	.00385	± .1%
R3T285L48	.00385	± .03%
R5T285L48	.00385	± .01%
R1T291L48	.00391	± .1%
R3T291L48	.00391	± .03%

2

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

4

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

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)"

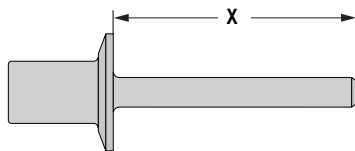
3

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
7	16A1-141 cap Cherry Burrell
8	Other (describe)

NOTE: See page SP-1 for cap illustrations

REPLACEMENT WELLS for ABOVE ASSEMBLIES

REPLACEMENT ELEMENTS for ABOVE ASSEMBLIES



260D - **2** - **5** - ¹⁻² **06** - **WL88**

Sanitary Cap Size From **2** Above

Sanitary Cap Style From **3** Above

"X" Dimension From ¹⁻² Above



R5T185L48 ¹⁻² **06** **3** - **SL** - **5** - **WL88**

ORDER CODE	Temp. Coef.	Accuracy @ 0°C
<i>SINGLE</i>		
R1T185L48	.00385	± .1%
R3T185L48	.00385	± .03%
R5T185L48	.00385	± .01%
R1T191L48	.00391	± .1%
R3T191L48	.00391	± .03%
<i>DUPLEX</i>		
R1T285L48	.00385	± .1%
R3T285L48	.00385	± .03%
R5T185L48	.00385	± .01%
R1T191L48	.00391	± .1%
R3T191L48	.00391	± .03%

"X" Dimension From ¹⁻² Above

Sanitary Cap Style From **3** Above

Element includes spring and 3" leads with sleeves