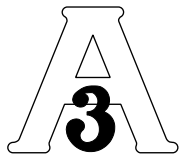


SPECIAL PURPOSE

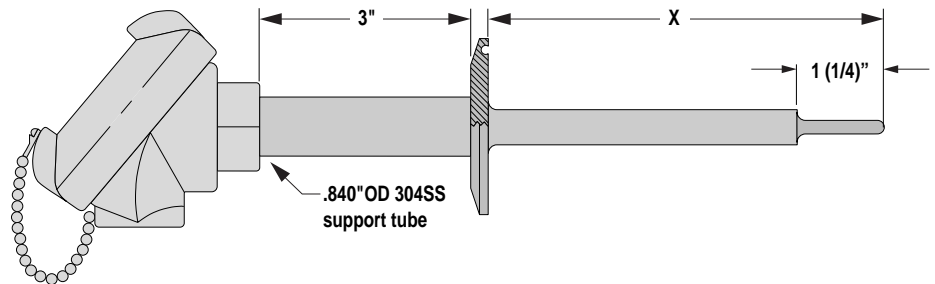
CIP SANITARY REDUCED TIP RTDs

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The below listed general purpose reduced tip 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 reduced tip construction provides strength along the major sheath length, and faster temperature response times at the reduced tip. The reduced tip sizes listed below are the most common constructions. For other configurations please consult the factory. 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:

R5T185L68R38 04 3 - CIP - 2 - 5 - 63

100 OHM PLATINUM RTD ASSEMBLIES					
ORDER CODE		Temp. Coef.	Accuracy @ 0°C	Nominal Sheath Dia. OD	Tip Diameter OD
SINGLE	DUPLEX				
R1T185L88R48	R1T285L88R48	.00385	± .1%	1/2"	1/4"
R1T185L88R38	R1T285L88R38	.00385	± .1%	1/2"	3/16"
R1T185L68R38	R1T285L68R38	.00385	± .1%	3/8"	3/16"
R1T185L48R28		.00385	± .1%	1/4"	1/8"
R3T185L88R48	R3T285L88R48	.00385	±.03%	1/2"	1/4"
R3T185L88R38	R3T285L88R38	.00385	±.03%	1/2"	3/16"
R3T185L68R38	R3T285L68R38	.00385	±.03%	3/8"	3/16"
R3T185L48R28		.00385	±.03%	1/4"	1/8"
R5T185L88R48	R5T285L88R48	.00385	±.01%	1/2"	1/4"
R5T185L88R38	R5T285L88R38	.00385	±.01%	1/2"	3/16"
R5T185L68R38	R5T285L68R38	.00385	±.01%	3/8"	3/16"
R5T185L48R28		.00385	±.01%	1/4"	1/8"
R1T191L88R48	R1T291L88R48	.00391	± .1%	1/2"	1/4"
R1T191L88R38	R1T291L88R38	.00391	± .1%	1/2"	3/16"
R1T191L68R38	R1T291L68R38	.00391	± .1%	3/8"	3/16"
R1T191L48R28		.00391	± .1%	1/4"	1/8"
R3T191L88R48	R3T291L88R48	.00391	±.03%	1/2"	1/4"
R3T191L88R38	R3T291L88R38	.00391	±.03%	1/2"	3/16"
R3T191L68R38	R3T291L68R38	.00391	±.03%	3/8"	3/16"
R3T191L48R28		.00391	±.03%	1/4"	1/8"

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: **T68R3804G - 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 alum. head	
0	W/o head w/6" teflon leads	
T	Head mounted transmitter (See page RTD - 11)	
HS	Head supplied with 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-AlloyProd. 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 INCHES	ORDER CODE	TUBE OD INCHES	
1	1(1/2)"	4	3"	
2	2"	5	Other (specify)	
3	2(1/2)"			