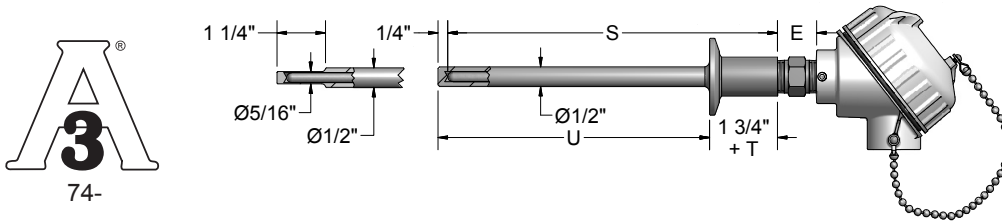


The RTD sensors listed below are constructed with the CIP sanitary-connected cap thermowell, which is then mounted into the process with a clamp and mating sanitary cap. A 3-wire spring-loaded RTD element and sheath is then screwed into the back of the thermowell. This construction method allows for 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 Standard 74-**. Thermowells are supplied with a surface finish that meets or exceeds 32µin R_a. Surface finishes of 15µin R_a or better are available upon request.



ORDER CODES

Example Order Number: **R5T185L483** - **DW4** **25** **06** **08** - **SL** - **8HN** **63**

1 Pt100 (α = 0.003 85 °C⁻¹) RTD Assemblies

CODE	TOLERANCE ^[1]
SINGLE	
R1T185L483	Grade B
R3T185L483	Class AA
R5T185L483	(1/5) Class B
RAF185L483	Class A
DUPLEX	
R1T285L483	Grade B
R3T285L483	Class AA
R5T285L483	(1/5) Class B
RAF285L483	Class A

[1] Refer to RTD tolerance information in the General Information section for calculations to determine specific tolerance at temperature.

2 Well Type

CODE	DESCRIPTION
DW4 ^[1]	0.260" bore straight-stem sanitary well
DR4 ^[2]	0.260" bore reduced-tip sanitary well

[1] Wells with "S" dimensions of 12" or less are supplied with drilled barstock stem. "S" dimensions above 12" will be supplied as tubing and welded tip.
[2] Maximum "S" Dimension is 7 1/2"

2.1 Cap Size and Style

CODE	DESCRIPTION
15	1", 1 1/2" Tri-clamp® 16 AMP
25	2" Tri-clamp® 16 AMP
35	2 1/2" Tri-clamp® 16 AMP
45	3" Tri-clamp® 16 AMP
Other styles - sizes available. Consult factory.	

2.2 "S" Length

CODE	DESCRIPTION
XX	Specify length in inches using two digits.

2.3 Well Material

CODE	DESCRIPTION
08	316SS

3 Element Style

CODE	DESCRIPTION
SL	Spring-loaded element

4 Head Mounting Fittings

CODE	DESCRIPTION
8HN	316SS hex fitting
8PN(E)	316SS pipe nipple specify E length

5 Terminations

CODE	DESCRIPTION
91	316L stainless steel screw-cover head
63	White polypropylene screw-cover head
31,W	Aluminum screw-cover head with white epoxy coating

Head Options

T	Head-mounted transmitter (see Transmitter Section)
I	Stainless steel tags (specify tag #)

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