Sanitary RTD Head Assembly: Series RH



REOTEMP's Sanitary RTD sensors are specifically designed for direct insertion into sanitary process applications when a standard thermowell is not specified or the process environment is not exposed to pressure. Sanitary RTD's are ideal for food, beverage, and pharmaceutical industries.







Standard Lead Time 5-7 Days

FEATURES / BENEFITS

- 3A approved wetted surfaces (32 Ra max.)
- 3A certificate provided
- o Sanitary tri-clamp design
- o 316SS wetted materials
- Optional transmitter, 4-20 mA calibrated to -58°F to 302°F
 Note: You may request any calibrated temperature between -328°F/600°F; min. 45°F span
- Calendar-Van Dusen coefficients available for optimized sensor accuracy (Hi accuracy curve plot option)

SPECIFICATIONS

RTD: 100 ohm Pt., 0.00385 Ω/0°C, 3-wire or 4-wire

ACCURACY: Class A, C = \pm (0.15 + 0.0028*(t)) [-100/400°C only]

 $1/10 \text{ Din B, C} = \pm 1/10(0.3 + 0.005*(t)) [0-100°C \text{ only}]$

TEMPERATURE RANGE: -328°F/600°F

PROCESS CONNECTION: Tri-clamp (std); various sizes.

STEM LENGTH: 2" to 36" std lengths; custom lengths available.

STEM DIAMETER: Straight stems 1/4", 3/8", 3/16", 1/8"

Reduced stems 3/8" reduced to 3/16" tip

1/2" reduced to 1/4" tip

WETTED FINISH: Ra20 - Ra32 max., Ra20 max. (optional)

ENCLOSURE HEAD: White poly, Blue epoxy-coated aluminum,

316SS

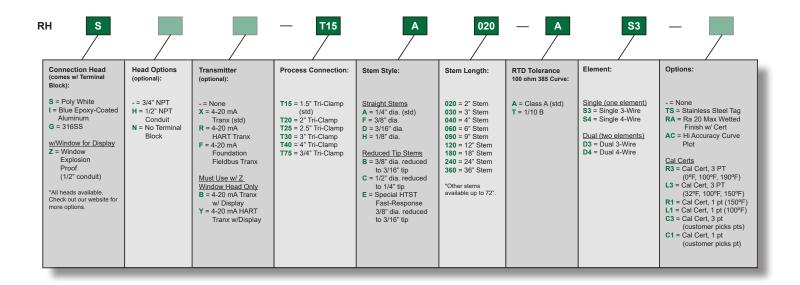
OPTIONAL TRANSMITTER: 4-20 mA transmitter

HART transmitter

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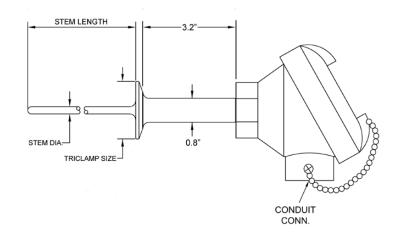


HOW TO ORDER



Tri-Clamp Size	"D" Diameter	
	in	(mm)
3/4"	0.98	(25.0)
*1.5"	1.98	(50.4)
2"	2.52	(63.9)
2.5"	3.05	(77.4)
3"	3.58	(90.9)
4"	4.68	(118.9)

^{*1.5&}quot; tri-clamp fits 1.5" and 1" tri-clamp fittings



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