



SANITARY RTD's

Anderson's sanitary RTD's are designed specifically for temperature monitoring applications in fluid food, beverage, and dairy processing plants. These sensors are offered in two styles - a sealed cable version, and a new modular element for use with our "mini" RTD wiring head, or our new modular temperature transmitter. The modular element is available as single or dual element. Both styles feature completely sealed internals for maximum moisture and vibration resistance. Another key feature is the rapid response time which results from our unique method of attaching the element inside the stainless steel probe.

Specifications

General:	Anderson RTD elements are 100 ohm, 3-wire sensors which conform to DIN standards (commonly referred to as the "385 coefficient").
Type:	3 wire, 100 ohm, DIN standard, single element standard. Dual element optional.
Coefficient:	.00385 ohms/ohm/Deg. C
Accuracy:	.1% at 0°C (Band 1) Standard
Probe Diameters:	1/4" Standard for direct mount, sanitary clamp styles (1"-4"), single or dual element. 5/32" Standard direct mount, clamp styles (1/2" & 3/4" clamp and "mini-wells"), <u>single element only</u> . #41247 projectile well fitting.
Response:	2.5 to 3 seconds for 63% step change
Span:	400°F (221°C) maximum
Low End:	-50°F (-45°C) minimum
High End:	350°F (176°C) maximum
Material:	316 "L" stainless steel wettable parts; (Thermowell & Industrial Fittings may be 304 or 316)
Surface Finish:	25 micro-inch R_a 32 micro-inch R_a (thermo-well fittings)
Fitting Styles:	All standard sanitary clamp styles, including fractional clamps and mini-thermowell styles; Refer to ordering matrix for details.