

Product Data Sheet

305 – Spring Loaded RTD



Designed for applications where a spring-loaded threaded male fitting is required for mounting. It is intended to be used with a thermowell and to be compatible with any head that will accept a 1/2" NPT instrument thread. The spring-loading action of this RTD ensures proper contact with the tip of the thermowell for maximum heat transfer.

Model 305: Refer to Model 301, 302, 303, & 304 if threaded fitting is not required. Refer to Model 201 if welded fitting is required.

Specifications

NAME	DESCRIPTION
Element Type:	Standard: Platinum, 100 ohms @ 0C (32F), .00385 TCR, (optional Pt R0 and TCRs available)
Accuracy:	Standard: DIN-B (Optional: DIN-A, and others available upon request)
Construction:	Standard: 500°F Service Temperature (Optional: High temperature and rugged constructions available)
Lead Wire Configuration:	Standard: 3 Wire (Optional: 2, 4, 6 or 8 wire)
Sensor Sheath Diameter:	Standard: 1/4" diameter (Optional: 1/8", 3/16", and others available)
Sheath Length:	Typical 1-1/2" to 42" (Custom lengths available)
Lead Wire Length:	Standard: 6". Custom length available
Connections:	Optional: standard and miniature sizes, standard and high temperature ratings
Fittings:	Optional: Compression and spring loaded fittings with various NPT connections
Insulation Resistance:	Greater than 100 Megohms @ 100VDC @ 21C (70F)

Accessories

N/A

None