

MCG 300 Resistance Temperature Detector

Resistance Temperature Detector

The MCG 300 Resistance Temperature Device (RTD) measures spot temperature by outputting a resistance change to a gauge or transmitter. This change in resistance, which is directly proportional to temperature, is detected by a precision input bridge circuit in the transmitter.

In addition to two element leads, a third reference lead is provided. The reference lead is used to remove lead wire resistance from the measurement of the temperature elements.



Specifications

Construction:

Stainless Steel Probe*

*Other Materials Available

Element Lengths:

12" through 60" standard up to 100' flexible available

Mounting Hardware:

Available for Cone Roof, Floating Roof & High Pressure Vessels

Standard Thermowell Connections:

Up to 1- 1/2" NPT, UP to 3" ANSI, Flange

Accuracy:

0.5°F

Calibrations:

100 ohm Copper, 100 ohm DIN Platinum, 100 ohm "Platinum Characterized" Copper

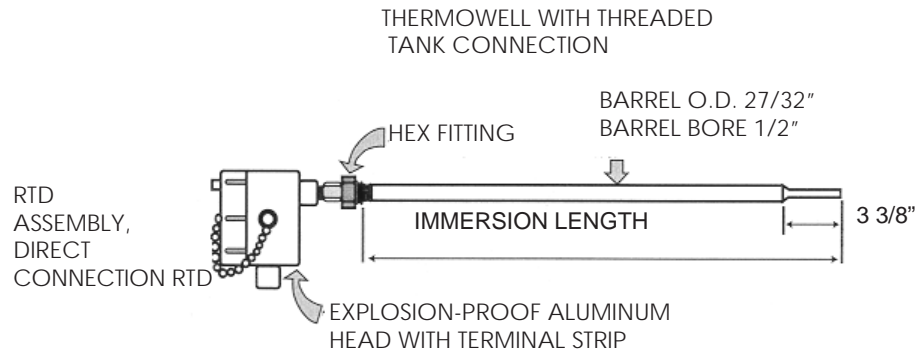
Features

- Accurate Temperature Measurement
- Temperature Averaging
- Temperature Conversions

Applications

- Temperature measurement for inventory process control
- Volume correction for custody transfer applications
- Corrected volumes

Dimensions



All designs subject to change. Certified dimensions and specifications available upon request.