Description

920 Series transmitters feature linearized output to temperature for RTD's. It is factory calibrated and designed for highest performance and lowest cost. The wide temperature range & stock availability make 920 Series an excellent choice for temperature signal transmission. A linearized output for RTD's is a unique performance feature of these transmitters.

Note

Prior to unpacking and installation, please read the operating instructions and follow them carefully. These units are to be installed, used and serviced only by individuals who are familiar with the operating instructions and the applicable regulations for operational safety and accident prevention.

Control of Units

The units are calibrated and checked before shipment and shipped in good conditions. If you detect a visible defect on the unit, we recommend that you carefully check the packing material. In the event of a defect, please immediately notify the mail service/freight forwarder, as they are responsible for shipping damage.

Dimensions

Electrical Connections

Calibration Instructions

920 Series come factory calibrated. If you need to re-calibrate the unit, you will require the following equipment:

- 12-32 VDC power supply
- 4-20 mA indicator
- Precision RTD simulator
- Flat precision screwdriver
- Test leads.

1. Connect a DC power supply in series with 4-20mA indicator to the (+) and (-) power terminals as shown (Fig. 2).
2. Connect the RTD simulator to the input terminals as shown (Fig. 2).
3. Simulate the required Zero and adjust the loop current to 4.00mA with the “ZERO” potentiometer.
4. Simulate the maximum input value and adjust the loop current to 20.00mA with the “SPAN” potentiometer.
5. Simulate the maximum input value and adjust the loop current to 20.00mA with the “SPAN” potentiometer.
6. Repeat step 4 and 5 until the correct reading is achieved.
7. Remove the input simulator and power supply.

The transmitter is now ready to be used.