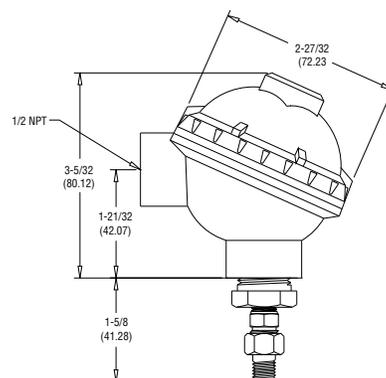




No. A-709 RTD Transmitter Enclosure

Specifications - Installation and Operating Instructions



Shown with optional Series RTD Temperature Transmitter

PARTS LIST

- (1) Enclosure
- (1) Enclosure Cover
- (1) 1/8" male NPT x 7/16-24 male Adapter
- (1) 1/8" male NPT x 7/16 female Adapter
- (1) 1/2" male NPT x 1/8" female Bushing
- (2) M4x8 Socket Cap Screws
- (1) 1/4" I.D. x 3/8" O.D. O-ring

ENCLOSURE ASSEMBLY

1. Insert 1/2" male NPT x 1/8" female adapter into enclosure from bottom.
2. Place o-ring inside 7/16-24 female fitting and loosely assemble it to the 7/16-24 male x 1/8" NPT adapter, then assemble to adapter noted in step #1 as shown in Figure 1.

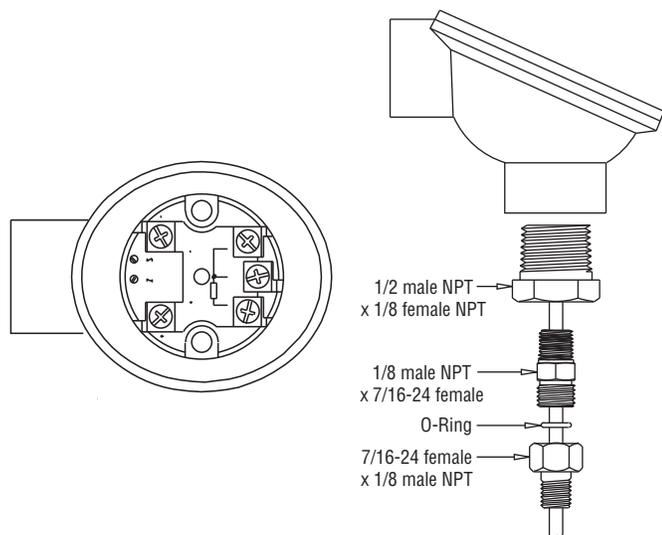


Figure 1

INSTALLING SERIES 651 RTD TRANSMITTER

1. Use M4x8 screws to attach RTD to enclosure.
2. Feed wiring through 1/2" NPT opening.
3. Connect wiring to appropriate terminals on transmitter.

INSTALLING SERIES RTD SENSOR

1. From inside of enclosure, feed tip of RTD sensor through transmitter (if included) and fitting assembly.
2. Make sure wiring will clear all metal surfaces when cover is replaced.
3. Lock RTD sensor in place by tightening the two hex fittings outside the enclosure.
4. Use 1/8" NPT threads to mount assembled unit in place. Optional A-345 1/8" NPT flange includes a gasket and two self tapping screws for convenient installation on sheet metal ducts, etc.
5. Attach RTD sensor wires to transmitter terminals if it is installed within enclosure, if using a remotely located transmitter, route wiring between sensor and transmitter to inside through the 1/2" NPT opening.
6. Replace cover and tighten screws when wiring is complete.