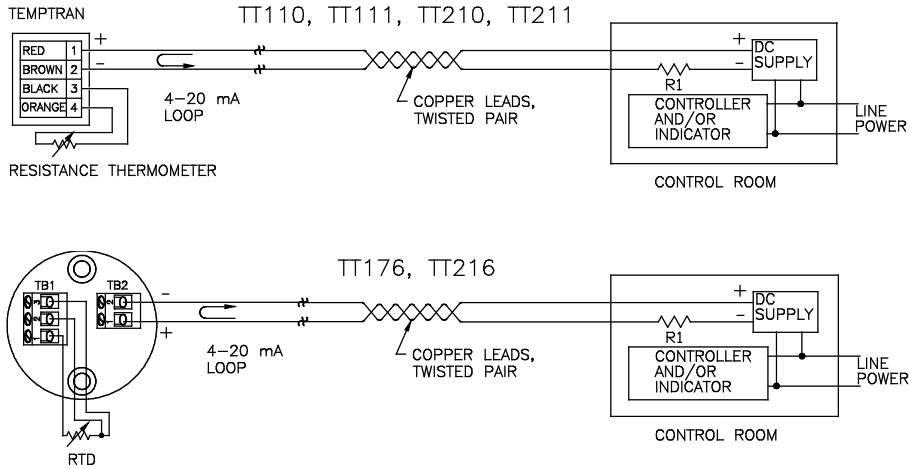


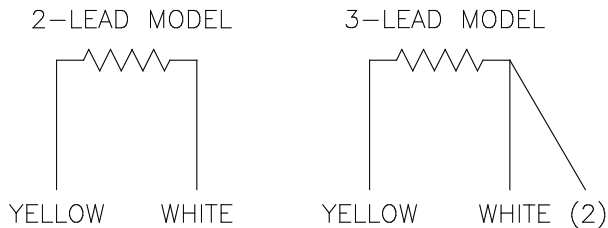
STEP 6 "FINAL WIRE CONNECTIONS"

A. Make connections to external wiring, as shown below, using terminals or wire nuts.



B. See the schematic diagrams below for probe leadwire color code. External wiring and conduit must be in accordance with the National Electrical Code.

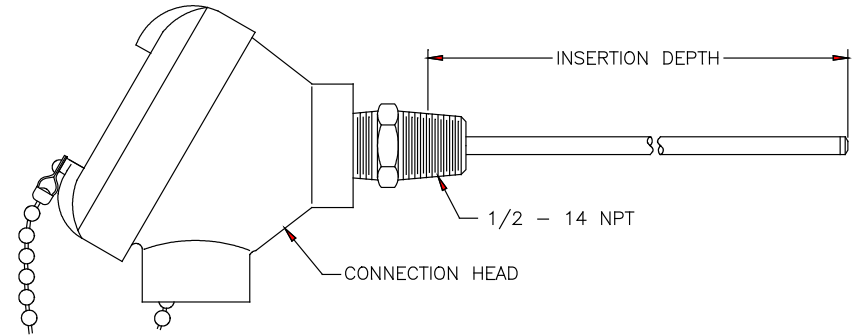
SCHEMATIC DIAGRAM



Direct Immersion RTD's

with Transmitter

Assembly Installation Instructions



Covers model number: AS5210



7300 Commerce Lane / Minneapolis, Minnesota 55432-3177 USA
Telephone (763) 571-3121 / FAX (763) 571-0927 / www.minco.com

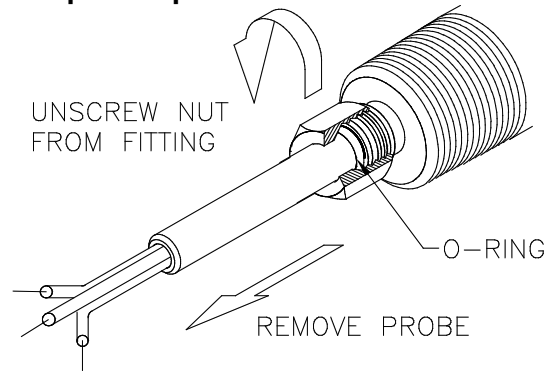
STEP 1 “REMOVE CONNECTION HEAD”

Open the connection head cover, and if necessary, disconnect probe leadwires from transmitter. Unscrew the connection head from the fluid seal fitting. This is "hand tight" and should not require tools.

STEP 2 “REMOVE PROBE FROM FITTING”

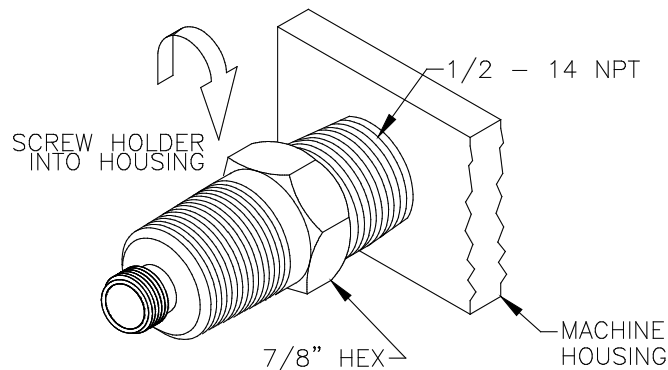
Remove brass compression ring from probe. Using a 1/2" open end or adjustable wrench, remove sealing nut. Remove silicone rubber o-ring and probe.

CAUTION: Do not pull on probe leadwires.

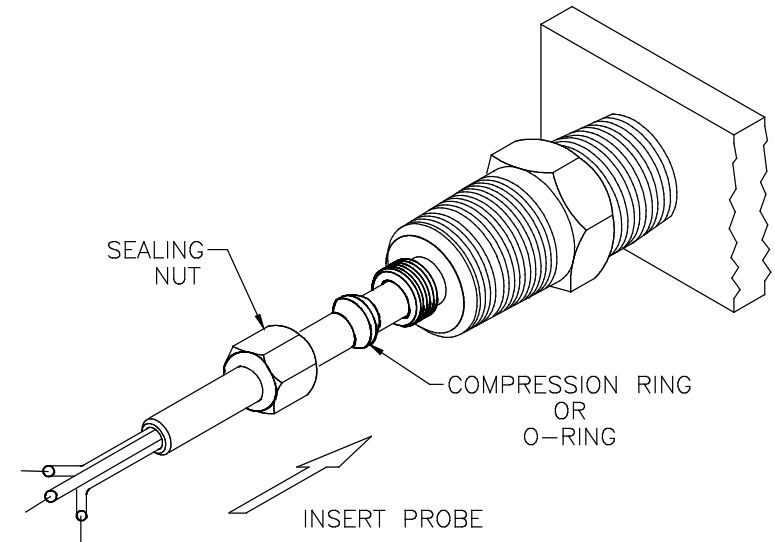


STEP 3 “THREAD FITTING INTO HOUSING”

Install the fluid seal fitting into a 1/2 - 14 NPT female thread in the machine housing, bearing block, thermowell, or fitting. Tighten using a 7/8" open end or adjustable wrench.



STEP 4 “PROBE INSTALLATION”



USING O-RING:

Slide probe (tip first) through sealing nut, silicone rubber o-ring, and fitting. Adjust probe to the desired measuring point. Tighten sealing nut onto fitting.

USING BRASS COMPRESSION RING:

Slide probe (tip first) through sealing nut, brass compression ring and fitting. Adjust probe to the desired measuring point. Hand tighten sealing nut, then wrench tighten 1-1/2 turns. After tightening the brass compression ring, adjustment of probe depth is not possible.

STEP 5 “ATTACH CONNECTION HEAD”

Thread the connection head onto the fluid seal fitting and tighten by hand.