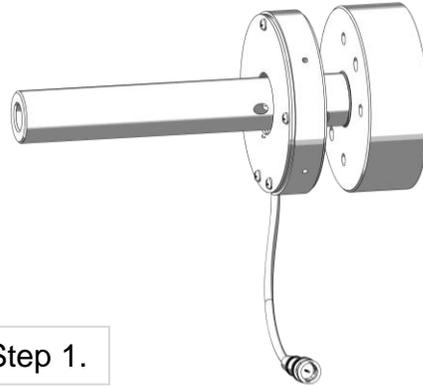


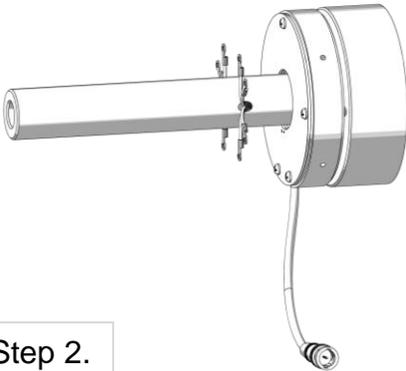
Installation Addendum for 850-376-9

Supplemental Installation Instructions

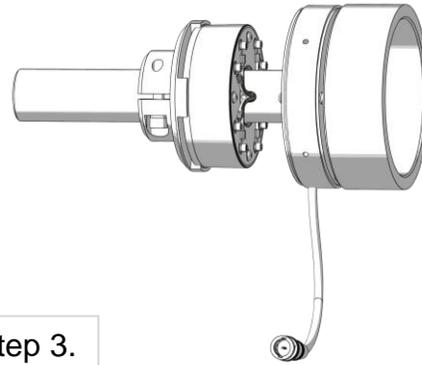
Step 1.



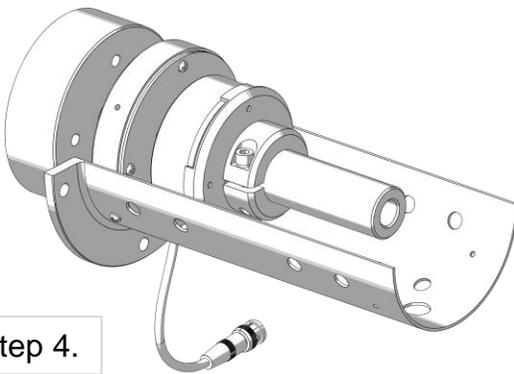
Step 2.



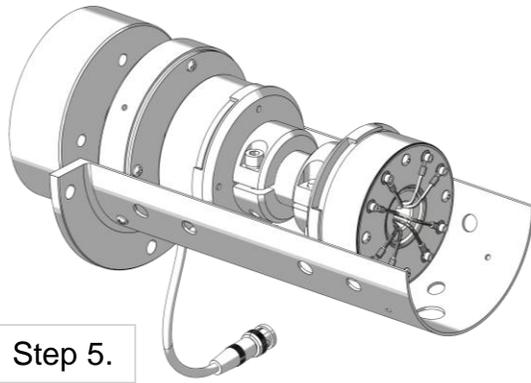
Step 3.



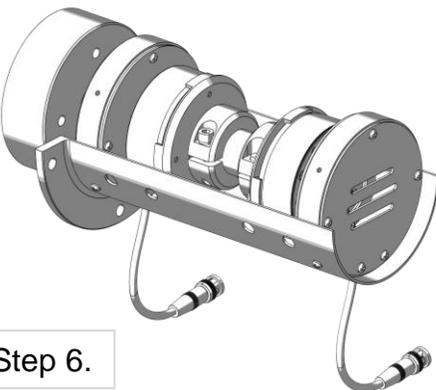
Step 4.



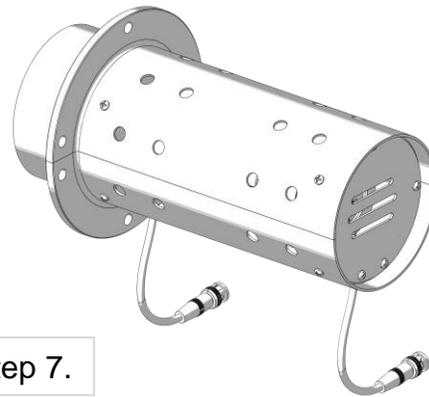
Step 5.



Step 6.



Step 7.



Installation Addendum for 850-376-9

Refer to the Supplemental Installation Instruction drawings, Step 1 through 7, as indicated below.

1. Identify the stationary assembly that has the thru hole cover boards and slide it over the end of the shaft. The stationary assembly has two distinct sides; one side has a single board with the Binsfeld logo and a serial number; the other side has two boards, a coil board and a cover board. Make sure that the single board side, with the BEI logo goes onto the shaft first. Note that the double board side is pointing to the left towards the open end of the shaft and the single board with the BEI logo is pointing to the right in the drawing. This is a VERY important detail so be careful to get this assembly onto the shaft properly.

2. Feed the RTD sensor wires thru the two openings on the side of the shaft, RTD 1-4 out of one hole and RTD LO 1-4 out of the opposite hole. Note: If the thru hole in the shaft is too small for 16 wires (8 RTD + 8 RTD LO) then a single wire for the RTD LO's (one single wire for each of the 4 RTD LO's on the first rotor and another single wire for the 4 RTD LO's on the second rotor) can be used as RTD LO 1-4 are 'connected' on each rotor. Each set of 4 common wires will have to be properly tied together and insulated at a point before they enter the shaft. All (16) of the RTD wires should be properly terminated with a ring lug to fit an M3-0.5 socket head cap screw.

3. Carefully position the first rotor assembly onto the shaft and attach the eight RTD wires and ring lugs using the supplied M3- 0.5 socket head cap screws. Insure that as these attachments are made to keep the ring lugs from touching each other or from touching other RTD terminals. Do not tighten the rotating base clamping bolts at this time. Care should be taken to document the connection of the sensor wires and of the color codes that are attached to each of the RTD 1-4 /RTD LO 1-4 rotor RTD terminals.

4. Slide the BNC connector from the stationary assembly thru the large hole in the bottom half of the stationary housing. The bottom half of the housing has two large holes but the top half does not. Mount the stationary housing bottom half to the prepared mounting surface using supplied socket head bolts and lock washers (These bolts and lock washers are not shown.) Once the stationary housing is mounted, use two supplied 6-32 x 0.5 inch long sheet metal screws to secure the stationary assembly to the bottom half of the stationary housing. There will be two pre drilled holes in each. Do not over tighten these screws. Now set the spacing between the rotor and stator (board to board spacing) at 0.45 inches (11mm) and alternately tighten the two clamping bolts on the rotating base to lock the rotor onto the shaft. Secure and eliminate any slack in the RTD wires so that as the rotor is turning the wires do not rub the stator assembly.

5. Feed the remaining eight RTD wires thru the end of the shaft, position the second rotor assembly onto the shaft and properly terminate the wires with ring lugs and secure the wires with supplied M3- 0.5 socket head cap screws. Do not tighten the rotating base clamping bolts at this time. Care should be taken to document the connection of the sensor wires and of the color codes that are attached to each of the RTD 1-4 /RTD LO 1-4 rotor RTD terminals.

6. Use two more 6-32 x 0.5 inch long sheet metal screws to mount the second stationary assembly to the bottom half of the stationary housing. The BNC connector will be fed thru the second large hole in the stationary housing. Orient the vented cover plate as shown in the drawing. There will be two predrilled holes for the sheet metal screws. Set the spacing between the rotor and stator (board to board spacing) at 0.45 inches (11mm) and alternately tighten the two clamping bolts on the rotating base to lock the rotor on to the shaft. Secure and eliminate any slack in the RTD wires so that as the rotor is turning the wires do not rub the stator assembly.

7. Once all of the RTD wires are properly secured and not rubbing, the top half of the stationary housing can be mounted to the prepared mounting surface using supplied socket head bolts and lock washers (bolts and washers not shown in drawing.) Use the remaining four 6-32 sheet metal screws to secure the top half of the stationary housing to the two stationary assemblies as shown. Do not over tighten these screws. Connect the supplied coax cables to the BNC cables from the stationary assemblies using two provided BNC barrel connectors. Proceed with the installation instructions included in the attached manual, 850-376-9