

Assembly Instructions for Model FSB Compression Type Probes



Caution: Before proceeding, follow all plant lock out - tag out procedures required. Notify proper personnel that work is being done and make sure to by-pass any alarms and cutout trips. Verify that all power is turned off to the equipment. If under pressure, the equipment should be isolated, or the boiler should be shut down before proceeding with the installation. Open drain valve to eliminate any trapped pressure. All inspection and installation steps should be performed by a qualified technician and should be executed in accordance with all applicable national and local codes.

- 1) Remove the probe wire by loosening the terminal nut with a 3/8" wrench.
- 2) Insert Model FSB probe into compression fitting adaptor. Make sure that the sealing surface on both the probe and the fitting adaptor are free of any debris.
- 3) Do not lubricate threads on either the coupling nut or the fitting adaptor.
- 4) Place the coupling nut on to the probe turn on until hand tight. Then, using a 1 1/8" wrench, turn the nut an additional 1/4 turn. No specific torque value is required.
- 5) The coupling nut must be replaced when a new probe is installed. A new coupling nut is furnished with each replacement probe.
- 6) Replace the probe wire, lock washer, and terminal nut. Note: use a 1/2" wrench to hold the Probe Assembly Nut from rotating while tightening the Terminal Nut.
- 7) Hot torqueing is not required with Compression Type Probes.

Any additional questions should be directed to your local Clark-Reliance Representative, or contact the Factory at RelianceAppEng@clark-reliance.com

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