

# Installation Instructions

## Transducer Adapter Fittings Kit — Part Number: 144-323-5

The following defined terms are used throughout this literature to bring attention to the presence of hazards of various risk levels, or to important information concerning the life of the product.

**DANGER**

indicates presence of a hazard which *will* cause *severe* personal injury, death or substantial property damage if ignored.

**CAUTION**

indicates presence of a hazard which *will* or *can* cause *minor* personal injury, death or substantial property damage if ignored.

**WARNING**

indicates presence of a hazard which *can* cause *severe* personal injury, death or substantial property damage if ignored.

**NOTICE**

indicates special instructions on installations, operation, or maintenance which are important but not related to personal injury hazards.

**DANGER** ALWAYS DISCONNECT and LOCK or TAG OUT the power before starting to service the pump.

Step 1 Install the stud and nut provided if required. Torque the nut to 45-55 ft lb.

**CAUTION** Do not exceed the torque value.

### Standard Packer Application (Ref. Figure 1)

Step 2 Remove the 1/4-inch pipe plug from the LINE TEST port in the packer.

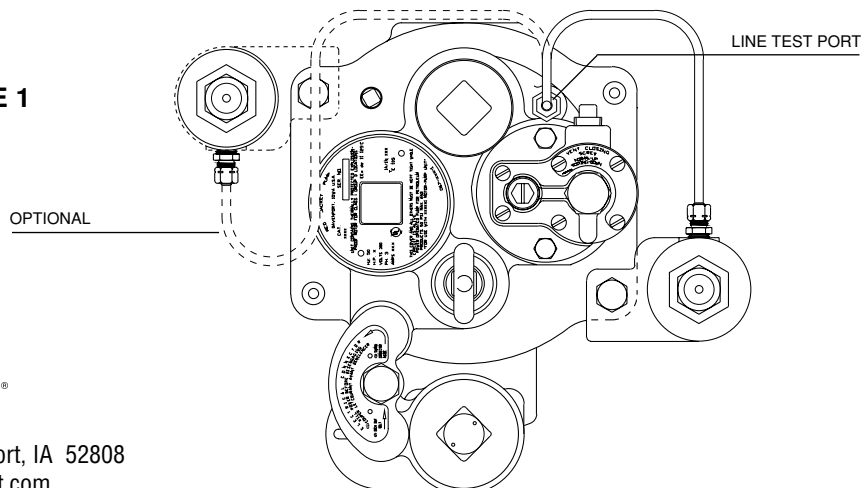
Step 3 Apply non-setting thread sealant, UL-classified for petroleum, to the 1/4-inch NPT nipple and install in the Line Test port of the packer.

Step 4 Apply non-setting thread sealant, UL-classified for petroleum, to the thread of the 1/4-inch NPT nipple and install the female straight tube fitting provided.

Step 5 Apply non-setting thread sealant, UL-classified for petroleum, to the threads of the 1/4-inch NPT straight vent tube fitting and install in the transducer adapter's opening on the body.

Step 6 Install the vent tube into both fittings and tighten according to installation instructions.

FIGURE 1



## Quantum™ Packer Application (Ref. Figure 2)

- Step 2a Remove the 1-inch pipe plug from the PUMP PRESSURE port in the packer.
- Step 3a Apply non-setting thread sealant, UL-classified for petroleum, to the 1-inch NPT nipple and install in the PUMP PRESSURE port of the packer.
- Step 4a Apply non-setting thread sealant, UL-classified for petroleum, to the thread on the 1-inch nipple and install a 1 x 1/4-inch bell reducer bushing.
- Step 5a Apply non-setting thread sealant, UL-classified for petroleum, to the threads on the 1/4-inch hex nipple and install into the 1 x 1/4-inch bell reducer bushing and attach the female tube fitting.
- Step 6a Apply non-setting thread sealant, UL-classified for petroleum, to the threads on the 1/4-inch male tube fitting and install into the transducer adapter body.
- Step 7 Install the vent tube into both tube fittings and tighten according to installation instructions.

**FIGURE 2**

