

# INSTALLATION INSTRUCTIONS

## 2 or 3-Wire Yoke Assemblies

|   |   |
|---|---|
| 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. |   |
| <b>DANGER</b>   | indicates presence of a hazard which <i>will</i> cause <i>severe</i> personal injury, death or substantial property damage if ignored.              |
| <b>WARNING</b>  | indicates presence of a hazard which <i>can</i> cause <i>severe</i> personal injury, death or substantial property damage if ignored.               |
| <b>CAUTION</b>  | indicates presence of a hazard which <i>will</i> or <i>can</i> cause <i>minor</i> personal injury, death or substantial property damage if ignored. |
| <b>NOTICE</b>   | indicates special instructions on installations, operation, or maintenance which are important but not related to personal injury hazards.          |

### YOKE ASSEMBLY REMOVAL

- STEP 1** **WARNING** Shut off power to the pump. Lock out and tag out the breaker to the submersible.
- STEP 2** Remove the contractors box cover.
- STEP 3** Disconnect the power wires extending out from the conduit seal assembly in the contractors box.
- STEP 4** Remove the external retaining ring from the brass yoke sleeve and discard. Insure that retaining ring is removed from the contractors box.
- STEP 5** Loosen the bolt that holds the yoke assembly in place. The yoke assembly sleeves will be pulled out of the packer and contractors box by the pin through the bolt.
- STEP 6** Once the bolt is completely unscrewed, remove the yoke assembly by carefully rotating the yoke assembly back and forth while lifting it out of the contractors box.

### YOKE ASSEMBLY INSTALLATION

- STEP 7** **NOTICE** Loosen, but do not remove, the two bolts which retain the contractors box to the manifold.
- STEP 8** Sparingly apply a film of any good quality nonconductive petroleum lubricating jelly to the OD sur-

faces of both brass sleeves of the yoke assembly. Avoid getting dirt on the sleeves after applying the lubricant.

- STEP 9** Line up the two brass sleeves on the yoke assembly with the cavities in the packer and contractors box. Finger start the yoke retaining bolt and then wrench tighten the bolt until the machined surface of the yoke approximately 0.5 inches (13 mm) from seating against the mating surfaces of the packer and contractors box.
- STEP 10** Install the new external retaining ring, furnished in the kit, firmly into the groove on the longer brass sleeve in the contractors box.
- STEP 11** Tighten the yoke retaining bolt the rest of the way. Torque the bolt to 25 - 50 Ft. Lb. (34-68 Nm).
- STEP 12** Tighten the bolts which were loosened in STEP 7 above. Torque these bolts to 20 - 45 Ft. Lb. (27-61 Nm).
- STEP 13** Reconnect the power wires. Like colors should be connected.
- STEP 14** Install the contractors box cover using an applicable UL approved, for petroleum, pipe thread sealant. Torque the cover to 25 - 45 Ft. Lb. (34-61 Nm).



by  VEEDER-ROOT

125 Powder Forest Drive • Simsbury, CT 06070  
Tel: (860) 651-2700 • Fax: (860) 651-2719

042-123-1 Rev. B