HXLR Encoder Mounting Instructions

Computer Conversions Corp. Encoder Model HMR90-64T-CR
(Ranges 100" to 400", Adapter "C")

To mount the Computer Conversions Corp. encoder HMR90-64T-CR:
1. Remove o-ring from plastic bag and place into groove of encoder adapter plate on HXLR module.
2. Remove socket hex ¼ NPT pipe plug from plastic bag.
3. With a 7/64" hex driver, remove the nearest 6-32 screw from the shaft coupling in the HXLR module. Place thread sealant (Loctite 242 or equivalent) onto the screw threads and re-insert into the coupling but do not tighten.
4. Computer Conversions Corp. encoder HMR90-64T-CR mounts with four ¼-20 screws 0.625" (5/8") long. **Caution: Using longer screws will damage the HXLR adapter housing.**
5. Rotate shaft of the Computer Conversions Corp. encoder to the desired starting position and carefully place into the coupling on the HXLR module.
6. With thread sealant (Loctite 242 or equivalent) on the four ¼-20 screws, secure the encoder in place. Tighten to approximately 30 to 50 lb-in.
7. Tighten the screw of the shaft coupling to 20 lb-in.
8. Thread the ¼NPT pipe plug into the access hole of the adapter housing until it is more-or-less flush with the top of the housing.

Dimensional Information

HXLR Module—Ranges to 100" (2.5 m) to 400" (10.0 m)