

HXLR Encoder Mounting Instructions

BEI H25D Flange Mount Encoder (Ranges 100" to 400", Adapter "A")

1. Remove o-ring from plastic bag and place into groove of encoder adapter plate on HXLR module.
2. Remove socket hex $\frac{1}{4}$ NPT pipe plug from plastic bag.
3. Insert a $\frac{7}{64}$ " hex driver into the $\frac{1}{4}$ NPT access hole on the encoder side of the module and remove the nearest 6-32 screw from the shaft coupling. Place thread sealant (Loctite 242 or equivalent) onto the screw threads and re-insert into the coupling but do not tighten.
4. Place the BEI encoder onto the module with shaft inserted into the coupling and secure with four sealant coated (Loctite 242 or equivalent) 10-24 x .50" long screws. **Caution: Using longer screws will damage the HXLR adapter housing.** Tighten screws to approximately 20 to 30 lb-in.
5. Tighten the screw of the shaft coupling to 20 lb-in.
6. Thread the $\frac{1}{4}$ NPT 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)

