

HXLR Encoder Mounting Instructions

Pepperl+Fuchs TRD-G Series Servo Mount (Ranges 100" to 400", Adapter "E")

1. 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.
2. Loosen four servo cleat mount screws with Philips driver so that the servo mounts may be rotated.
3. Remove o-ring from plastic bag and place into groove of encoder adapter plate on HXLR module.
4. Place encoder onto HXLR module so that shaft of encoder fits into coupling. Rotate servo cleats in place and tighten servo cleat screws to 8 lb-in.
5. With a 7/64" hex driver, tighten screw in shaft coupling to 12 lb-in.
6. Loosen servo cleat screws to allow encoder to be rotated.
7. Rotate encoder to desired starting location and retighten servo cleat screws to 8 lb-in.
8. Remove socket hex 1/4 NPT pipe plug from plastic bag.
9. Thread the 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)

