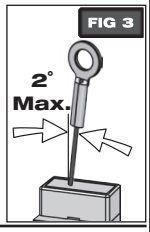
JX-EP 150"-300" POSITION TRANSDUCER INSTALLATION GUIDE

MOUNTING

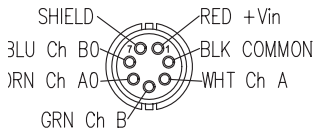
FIG 3



To maximize wire rope life, align transducer with moving element so that wire rope exits perpendicular to axis of wire rope exit hole within 2° (See FIG 3)

Secure unit to mounting surface with two Ø0.25 inch or ØM6 bolts. Place flat washer under head of each bolt. Torque to 32 lb-in (3.6 N-m) maximum.

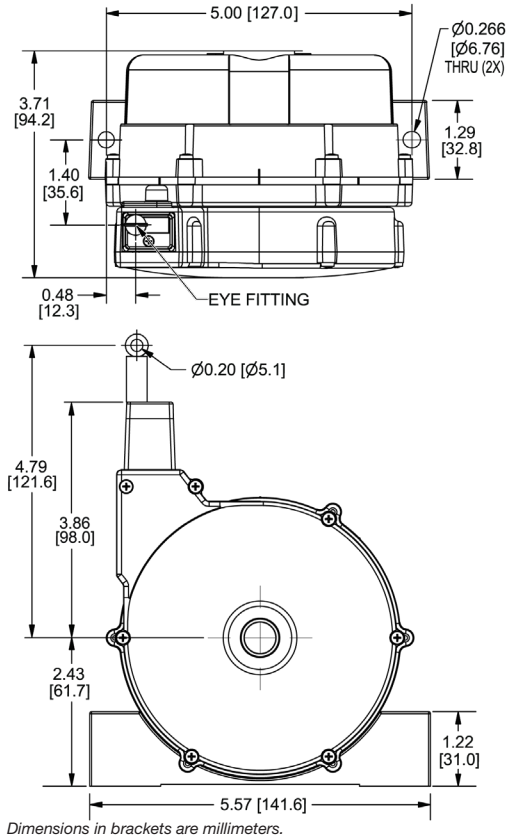
OPTIONAL CONNECTOR



Viewed from solder side of mating connector.

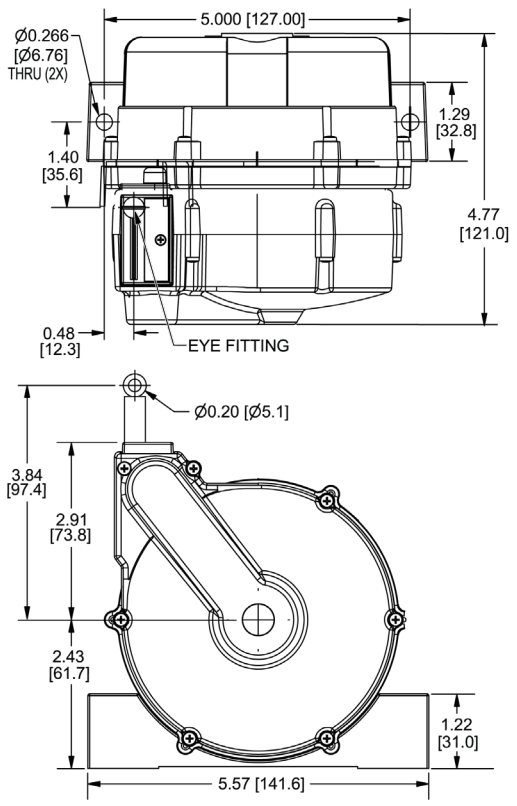
DIMENSIONAL INFORMATION

RANGE 150" (3.8 m) FIG 1



Dimensions in brackets are millimeters.

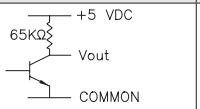
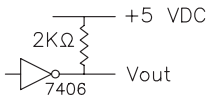
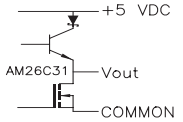
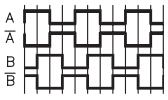
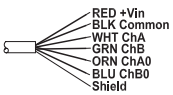
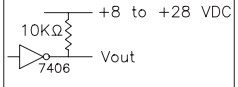
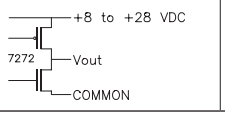
RANGES 300" (7.5 m) FIG 2



Dimensions in brackets are millimeters.

ELECTRICAL CABLE WIRING

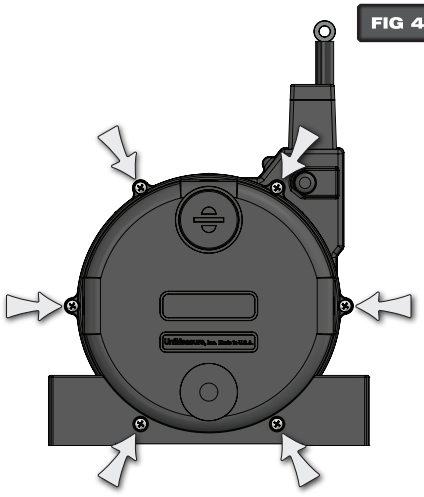
JX-EP- ___ - _ _ _ - _ _ - _ _ _

OPTION	OUTPUT TYPE	OUTPUT STAGE	WAVEFORM	CABLE WIRING
1	**5 VDC TTL** **Two Channel Current Sinking** Two channels in quadrature with 65KΩ internal pullup resistors. ***INPUT VOLTAGE: 5 VDC***			
2	**5 VDC TTL Current Sinking** **Differential Line Drive** Current sinking line drive output. 2KΩ internal pullup resistors. ***INPUT VOLTAGE: 5 VDC***			
3	**5 VDC Push-Pull** **Differential Line Drive** Push-Pull, current sourcing and current sinking output. Output is compliant with requirements of TIA/EIA-422-B. ***INPUT VOLTAGE: 5 VDC***			
4	**8 to 28 VDC Current Sinking** **Differential Line Drive** Current sinking line drive output with 10KΩ internal pullup resistors. ***INPUT VOLTAGE: 8 to 28 VDC***			
5	**8 to 28 VDC Push-Pull** **Differential Line Drive** Push-Pull, current sourcing and current sinking output. ***INPUT VOLTAGE: 8 to 28 VDC***			

ROTATION OF WIRE ROPE

To rotate wire rope exit location, loosen six screws ***(See FIG 4)***, which retain mechanism to mounting housing. Note that alignment marks on mechanism occur at 45° intervals. Rotate housing to desired position and torque screws to **50 oz-in (0.35 N-m)**.

FIG 4



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