

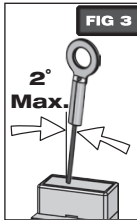
JX-EP 150"-400"

POSITION TRANSDUCER

INSTALLATION GUIDE

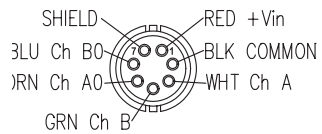
MOUNTING

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

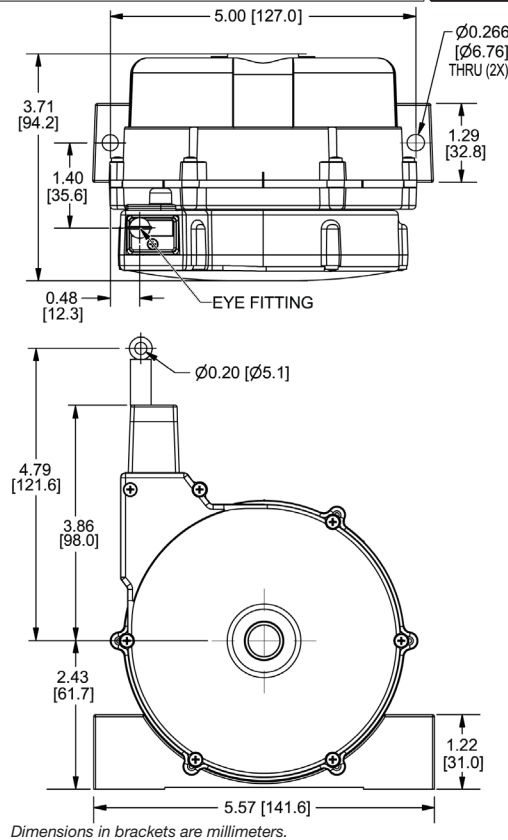


Viewed from solder side of mating connector.

DIMENSIONAL INFORMATION

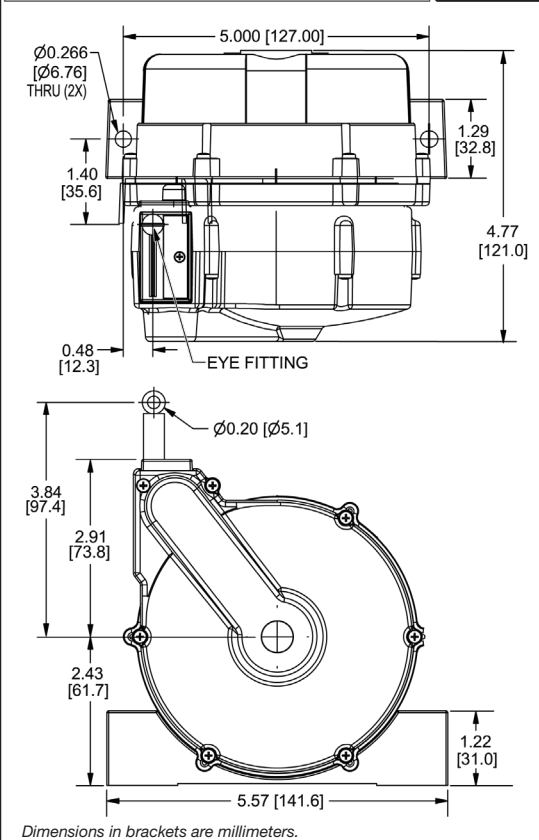
RANGE 150" (3.8 m)

FIG 1



RANGES 300" (7.5 m) & 400" (10 m)

FIG 2



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	 +5 VDC 65KΩ Vout COMMON		
2	5 VDC TTL Current Sinking Differential Line Drive Current sinking line drive output. 2KΩ internal pullup resistors. INPUT VOLTAGE: 5 VDC	 +5 VDC 2KΩ Vout COMMON		
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	 +5 VDC AM26C31 Vout COMMON		
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	 +8 to +28 VDC 10KΩ Vout COMMON		
5	8 to 28 VDC Push-Pull Differential Line Drive Push-Pull, current sourcing and current sinking output. INPUT VOLTAGE: 8 to 28 VDC	 +8 to +28 VDC 7272 Vout COMMON		

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

