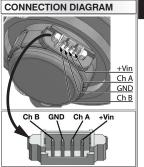
LX-EP2

POSITION TRANSDUCER

INSTALLATION GUIDE

SPECIFICATIONS

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Excitation Voltage	5.00 ± 0.25 VDC
Excitation Current	30 mA max.
Output	Two channel square wave
	in quadrature, Single ended.
Linearity	±0.10% of Full Scale
Repeatability	±0.015% of Full Scale
Operating Temperature	20°C to 75°C
Storage Temperature	40°C to 85°C
Vibration	5G
Shock	50G
Ingress Protection	IP-40 (NEMA 1)
Connector	Molex Connector
	4 pins on 1.25mm centers



INSTALLATION INFORMATION

- 1 Unit mounts on surface shown in FIG 1.
- 2 To maximize cable life, align transducer with moving element so that cable exits unit within 2° of vertical (with unit oriented as shown in FIG 1).
- 3 Use Table 1 to determine cable exit location relative to transducer mounting
- 4 Mount unit with two 6-32 or smaller machine screws or two M3.5 or smaller metric machine screws.

- A Place a flat washer under the head of each screw.
- 3 Torque 6-32 screws to 5 lb-in maximum.
- Torque M3.5 screws to 0.56 N-m maximum.

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FIG 1 Dim "A" RANGE (in) (mm) 10 1.01 25.7 1.14 29.0 15, 30 1.30 33.0 1.55 25, 50 1.46 37.1 (39.4).87 (22.1) _ 1.75 . (44.5) 0.19 (04.8) (\oplus) 2.87 (7.3)2.35 (59.7)2.17 (55.1) MOUNTING SURFACE

DIMENSIONAL INFORMATION

Dimensions in brackets are millimeters

1.30 Ø.156 (Ø4.0) THRU (2 PL) (MOUNTING HOLES)

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SENSITIVITY