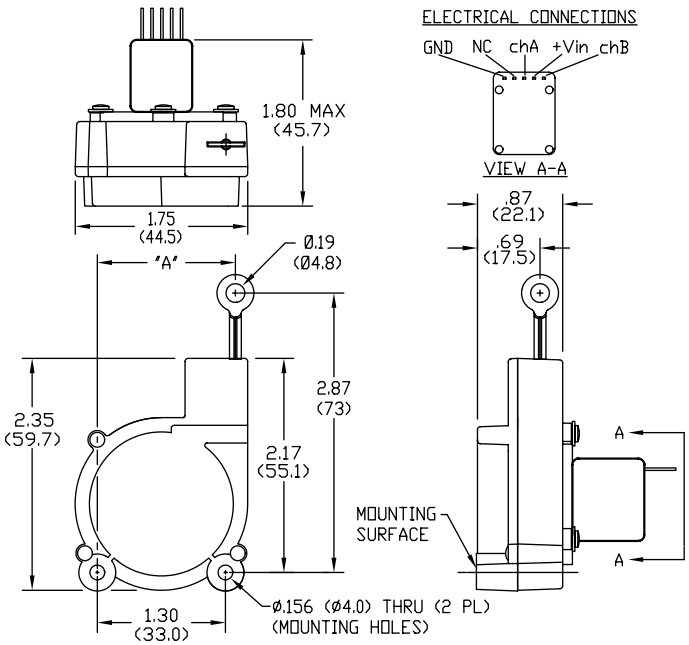
LX-EP Series Installation Guide

Installation Information

1. Unit mounts on surface shown in Figure 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 Figure 1).
3. Use Table 1 to determine cable exit location relative to transducer mounting holes.
4. Mount unit with two #6 or smaller machine screws or two M3.5 or smaller metric machine screws.

Note

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



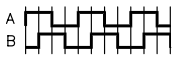
Dimensions in brackets are millimeters

Figure 1

Specifications

Excitation Voltage..... 5.00 VDC ±0.25 VDC
Excitation Current..... 30 mA max.
Output ..... 2 channel square wave in quadrature
25 mA current sinking with internal 5.4KΩ
pullup resistors (see schematic below)
Connector Pins..... .025"x.025" on 0.100" centers
Linearity..... ±0.10% of Full Scale
Operating Temperature ..... -25°C to +60°C

WAVEFORM



OUTPUT STAGE

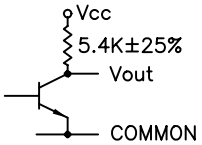


Table 1

Range	Dim "A" (inch)	(mm)
10"	1.01	25.7
15", 30"	1.14	29.0
20", 40"	1.30	33.0
25", 50"	1.46	37.1

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