

**SPECIFICATIONS:**

Analog I/Os: (See Note 1)

- 0 - 5 V DC output, 8 - 30 V DC input, 35 mA max.
- 0.5 - 4.5 V DC output, 8 - 30 V DC input, 35 mA max.
- 0 - 10 V DC output, 12 - 30 V DC input, 35 mA max.
- 4 - 20 mA DC output, 18 - 30 V DC input, 60 mA max. (75 C max.)

Measuring Ranges: See range table

Zero and Full Scale: SenSet Adjustable

Linearity Error: ±0.15% of FSO (Full Span Output) typical, ±0.25% max.

Resolution: 0.025% of FSO

Update Rate: 300 Hz nominal

Operating Temperature Range: -20 to 85 C (-40 to 105 C extended temp.)

Temperature coefficient: ≤±0.015% of FSO/K

Humidity: 95% RH non-condensing

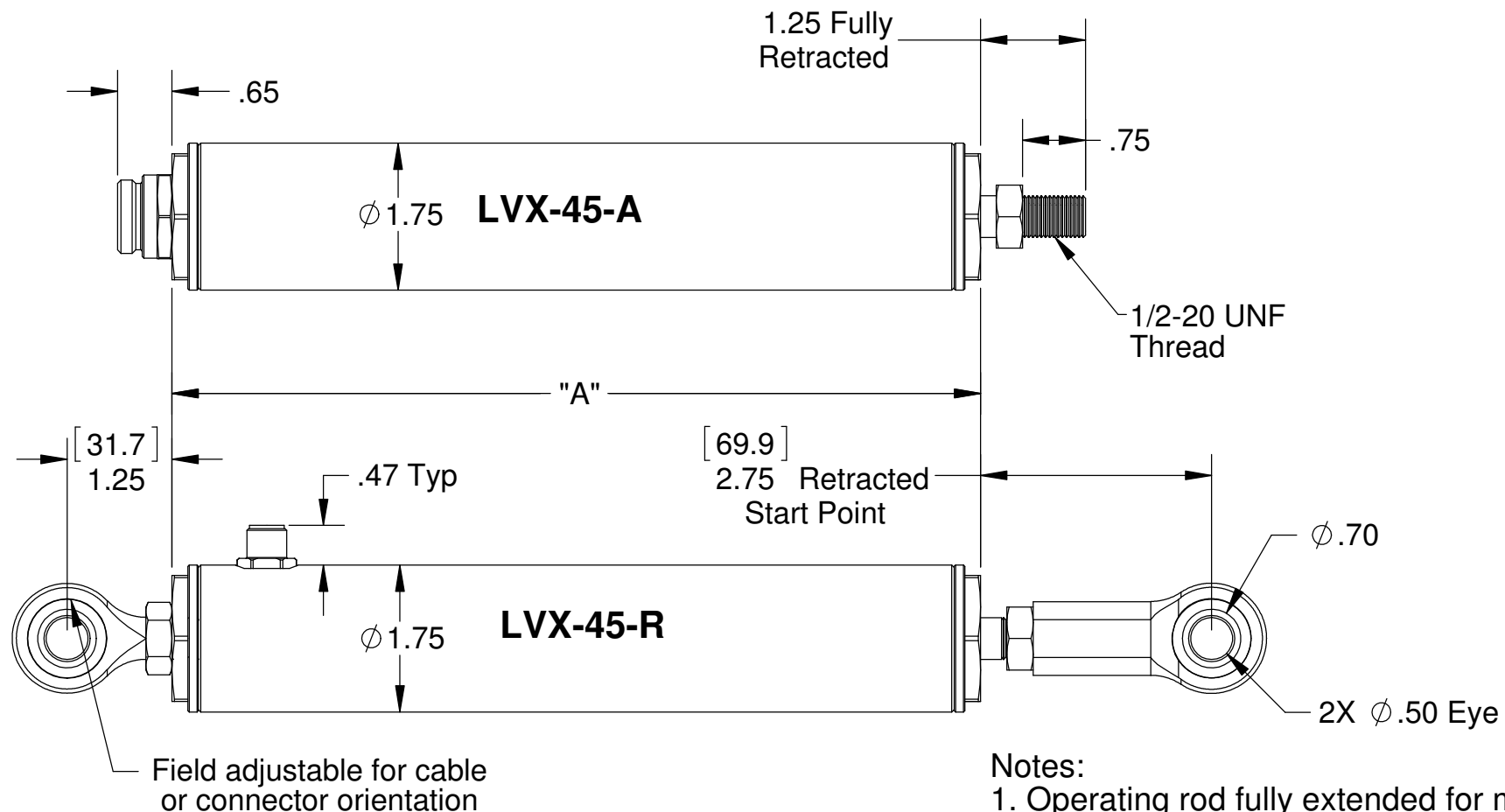
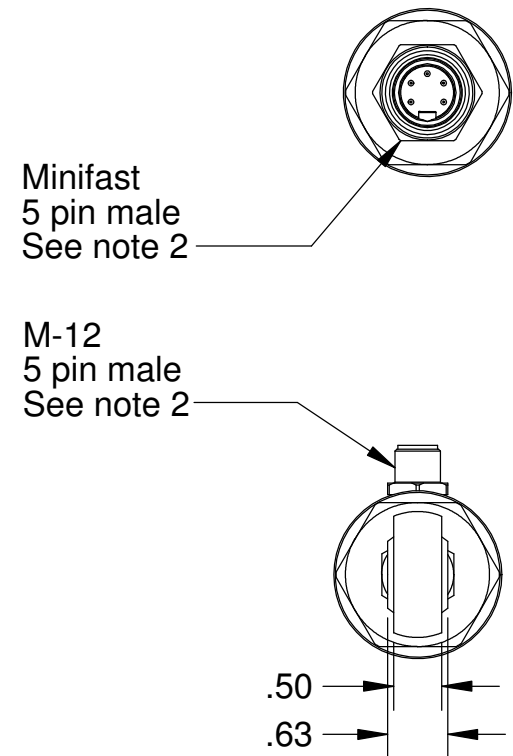
Vibration: 5-20 Hz, 0.5 inch p-p; 20-2000 Hz, 4.2 g p-p

Shock: 1000 g, 11 msec.

Sealing: IEC IP-67

Specifications are subject to change without notice.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Update Specifications to V5	02-02-15	EH



**Notes:**

- Operating rod fully extended for maximum output, and minimum at full retraction; see technical data sheet to specify reversed output.
- See Data sheet for Termination Options.

LINEAR RANGE		LENGTH "A"
4 Inches	100 mm	9.63 Inches [244.5 mm]
6 Inches	150 mm	11.63 Inches [295.4 mm]
8 Inches	200 mm	13.63 Inches [346.2 mm]
10 Inches	250 mm	15.63 Inches [397.0 mm]
12 Inches	300 mm	17.63 Inches [447.8 mm]
15 Inches	375 mm	20.63 Inches [524.0 mm]
18 Inches	450 mm	23.63 Inches [600.2 mm]

Ordering Guide	
Model	Output
LVE	Voltage
LVI	Current

Wiring Table		
Function	Pin	Cable Color
+DC Power Input	1	Red
Ground	2	Black
Voltage output*	3	Green
Current output*	4	Green
SenSet™	5	White

\*Choose output Pin 3 or output Pin 4 but not both.

UNLESS OTHERWISE SPECIFIED:	
1. DO NOT SCALE DRAWING	CONTRACT NO. --
2. DIMENSIONS ARE IN INCHES	DATE: 02-20-14
3. INTERPRET DIM/TOL PER ANSI Y14.5M-1994	DRAWN BY: G E Miller
4. DEBURR/BREAK SHARP EDGES	ENGINEER: Ed Herceg
5. DIMS ARE BEFORE FINISH	CHECKED BY: Ed Herceg
6. (DATA) FOR REFERENCE ONLY	DATE: 02-20-14
TOLERANCES	QA: --
DECIMAL: .XX ±.010	MFG: --
.XXX ±.005	APPROVED BY: --
THIRD ANGLE PROJECTION	

**ALLIANCE SENSORS GROUP**  
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**LVX-45-A, LVX-45-R**  
Outline

SIZE: <b>B</b>	CAGE CODE: N/A	DWG. NO.: <b>3000-0010-XX</b>	REV: <b>A</b>
FILENAME:	SCALE: 1:2	RELEASE DATE: --	SHEET 1 OF 1