

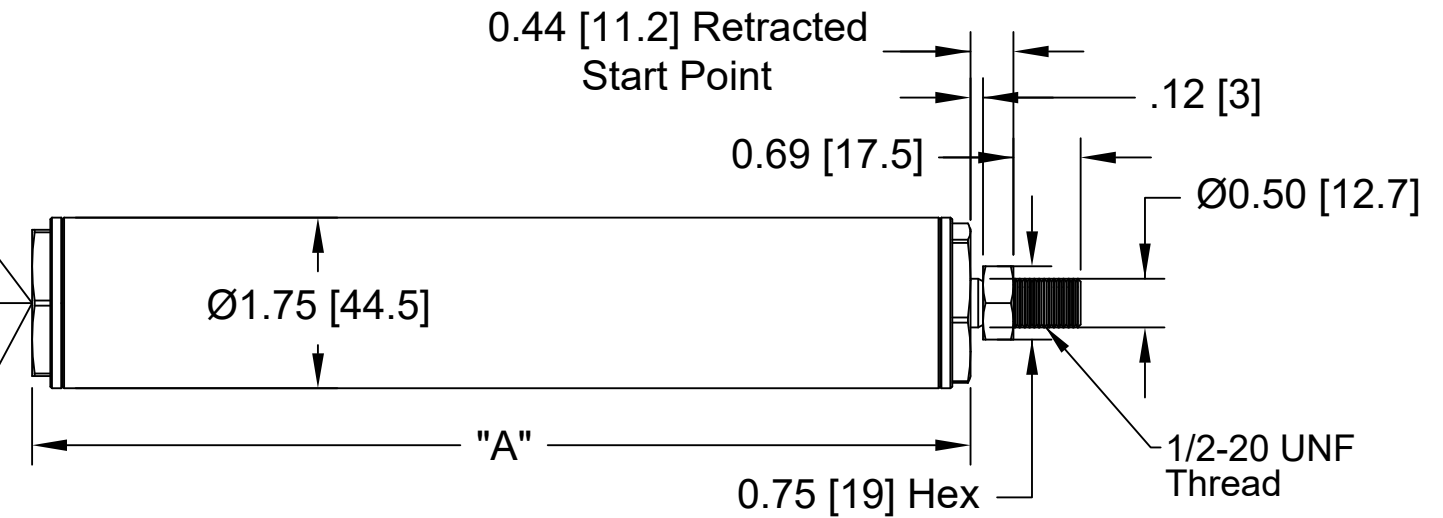
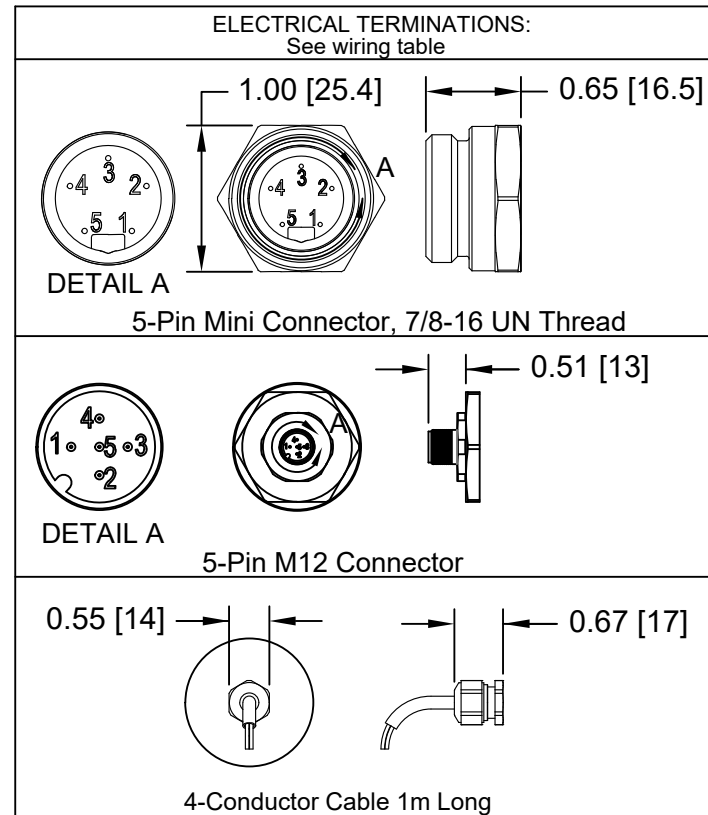
SPECIFICATIONS:

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, 3-wire sourcing, 18 - 30 V DC input, 60 mA max. (75 C max.)
 Do not connect to a 2-wire loop powered system

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
B	Update for assys 3900-0011& 3900-0013	09-24-15	EH
C	Edit "A" in Range Table, change dims for "Retracted Start Point" both models.	10-08-15	EH
D	Add Dim .12[3] & Ø .50 [12.7]	10-20-15	EH
E	Re-dimensioned with new table.	08-02-16	EH
F	Update pinout views, reference ECN 16-178	09-20-16	EH
G	ECN 19-265, "rearranged terminations graphic"	01-09-19	EH



- Notes:**
1. Operating rod fully extended for maximum output, and minimum at "Retracted Start Point".
 2. See Data sheet to specify reversed output and termination options.

NOMINAL RANGE		LENGTH "A"
4 Inches	100 mm	9.88 Inches [250.9 mm]
6 Inches	150 mm	11.88 Inches [301.7 mm]
8 Inches	200 mm	13.88 Inches [352.5 mm]
10 Inches	250 mm	15.88 Inches [403.3 mm]
12 Inches	300 mm	17.88 Inches [454.1 mm]
15 Inches	375 mm	20.88 Inches [530.4 mm]
18 Inches	450 mm	23.88 Inches [606.6 mm]

Ordering Guide		Wiring Table		
Model	Output	Function	Pin	Cable Color
LVE	Voltage	+DC Power Input	1	Red
LVI	Current	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:		CONTRACT NO.	
1. DO NOT SCALE DRAWING		--	
2. DIMENSIONS ARE IN INCHES			
3. INTERPRET DIM/TOL PER ANSI Y14.5M-1994			
4. DEBURR/BREAK SHARP EDGES		DRAWN BY: G E Miller	
5. DIMS ARE BEFORE FINISH		DATE: 02-20-14	
6. (DATA) FOR REFERENCE ONLY		ENGINEER: Ed Herceg	
TOLERANCES		CHECKED BY: Ed Herceg	
DECIMAL: XX ±.010	ANGULAR: ±.5°	DATE: 02-20-14	
XXX ±.005		QA: --	
THIRD ANGLE PROJECTION		MFG: --	
APPROVED BY: --		DATE: --	

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LVX-45-A Outline

SIZE: B	CAGE CODE: 7LE43	DWG. NO.: 3000-0010-XX	REV: G
FILENAME: 3000-0010_Rev G_LVX-45-A Assy Outline	SCALE: 1:2	RELEASE DATE: --	SHEET 1 OF 1

DWG. NO. 3000-0010-XX REV G LAST EDIT: 02-12-19 BY: SP