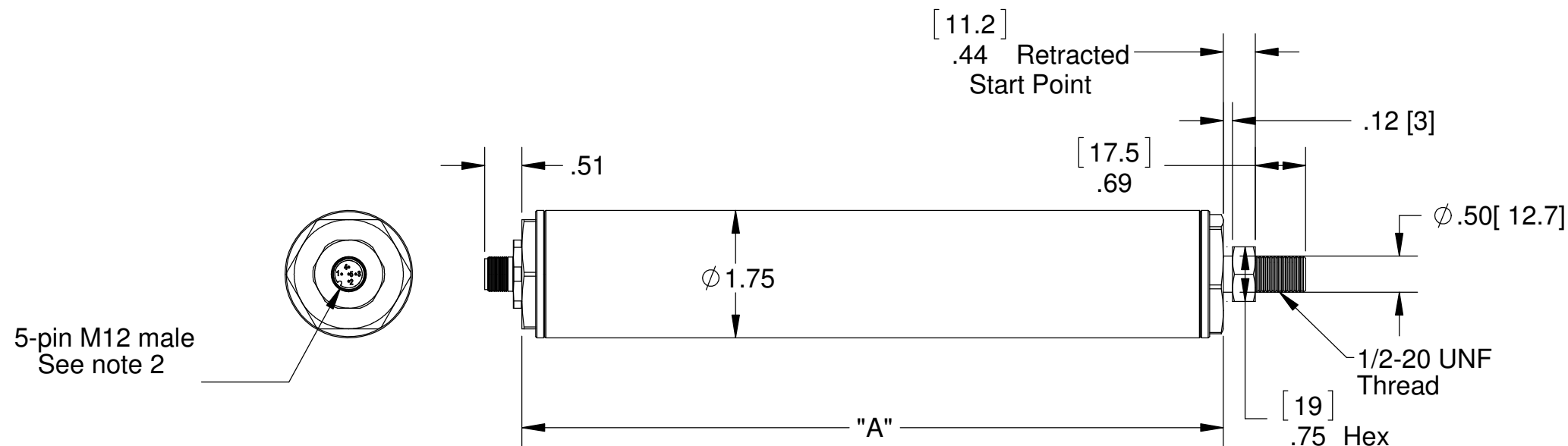


SPECIFICATIONS:

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
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



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

ELECTRICAL TERMINATIONS:
See wiring table

Connector 5-Pin Mini 7/8-16 UN

5-Pin M12 Connector

Cable, 4-conductor, 1 m length

Other terminations available upon request

LINEAR 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	
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:		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		DATE: 02-20-14	
DECIMAL: .XX ±.010	ANGULAR: ±.5°	CHECKED BY: Ed Herceg	
.XXX ±.005		DATE: 02-20-14	
THIRD ANGLE PROJECTION		QA: --	
		MFG: --	
		APPROVED BY: --	

ALLIANCE SENSORS GROUP
 A DIVISION OF H.G. SCHAEVITZ LLC
 Moorestown, New Jersey USA alliancesensors.com

LVX-45-A Outline

SIZE: **B** CAGE CODE: N/A DWG. NO.: **3000-0010-XX** REV: **F**

FILENAME: SCALE: 1:2 RELEASE DATE: -- SHEET 1 OF 1