



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

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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

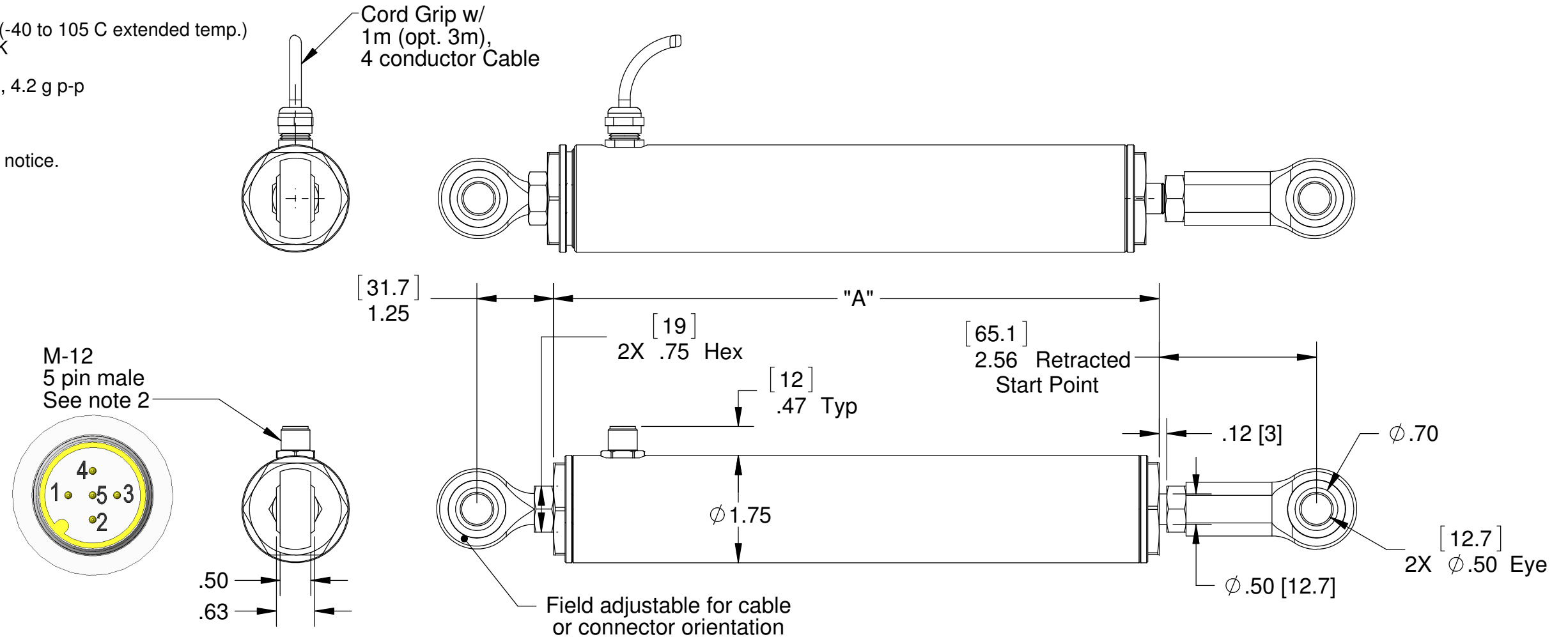
Vibration: 5-20 Hz, 0.5 inch p-p; 20-2000 Hz, 4.2 g p-p

Shock: 1000 g, 11 msec.

Sealing: IEC IP-67

Specifications are subject to change without notice.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	Re-dimensioned with new table.	08-02-16	EH
B	Add M12 pinout view, reference ECN 16-178	09-20-16	EH



Notes:

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

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		DRAWN BY: G E Miller	
3. INTERPRET DIM/TOL PER ANSI Y14.5M-1994		DATE: 02-03-14	
4. DEBURR/BREAK SHARP EDGES		ENGINEER: Ed Herceg	
5. DIMS ARE BEFORE FINISH		DATE: 02-03-14	
6. (DATA) FOR REFERENCE ONLY		CHECKED BY: Ed Herceg	
TOLERANCES		DATE: 02-03-14	
DECIMAL: .XX ±.010	ANGULAR: ±.5°	QA: --	
.XXX ±.005		MFG: --	
THIRD ANGLE PROJECTION		APPROVED BY: --	

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

LVX-45-R Outline

SIZE: B	CAGE CODE: N/A	DWG. NO.: 3000-0009-XX	REV: B
FILENAME:		SCALE: 1:2	RELEASE DATE: --

SHEET 1 OF 1