

SPECIFICATIONS:

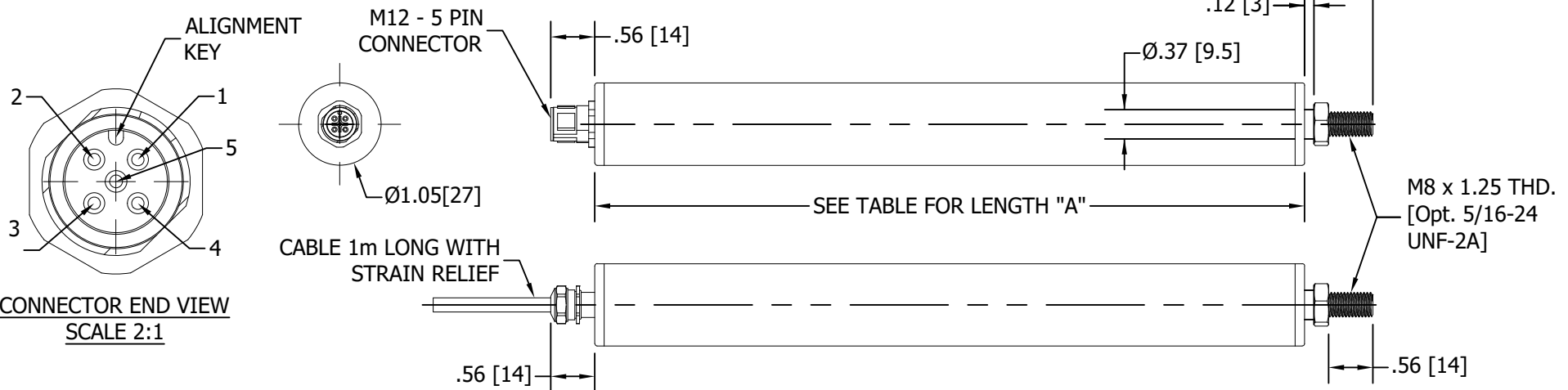
Analog I/Os: (See Note 1)
 0 - 5 V DC output, 8 - 30 V DC input, 35 mA max.
 0.5 - 4.5 V DC output, 8 - 30 V DC input, 35 mA max.
 0 - 10 V DC output, 12 - 30 V DC input, 35 mA max.
 4 - 20 mA DC output, 18 - 30 V DC input, 60 mA max. (75 C max.)
 Measuring Ranges: See range table
 Zero and Full Scale: 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

LR-27-A	M-12	Cable
I/O Function	Pin	Color
+ Power Input	1	Red
Ground	2	Black
Voltage output	3	Green
Current output	4	Green
SenSet™	5	White

Revisions			
Rev	Description	Date	App.
A	Edit Specs, add Wire Table	2/5/15	EH
B	Edited Retracted Start Point	10/23/15	EH
C	10.0 Inches Range removed	03/10/16	EH
D	Unit Length Table modified	07/18/16	EH

Note 1: Analog output is maximum with rod extended;
 see technical data sheet to specify reversed output.

Specifications are subject to change without notice.



UNIT LENGTH TABLE	
NOMINAL RANGE	"A" BODY LENGTH
1.0 INCH [25 mm]	4.50 INCHES [114.3 mm]
2.0 INCHES [50 mm]	5.50 INCHES [139.7 mm]
3.0 INCHES [75 mm]	6.50 INCHES [165.1 mm]
4.0 INCHES [100 mm]	7.50 INCHES [190.5 mm]
6.0 INCHES [150 mm]	9.50 INCHES [241.3 mm]
8.0 INCHES [200 mm]	11.50 INCHES [292.1 mm]

UNLESS OTHERWISE SPECIFIED:
 1. DO NOT SCALE DRAWING
 2. DIMENSIONS ARE IN INCHES
 3. INTERPRET PER ANSI Y14.5M-1994
 4. DEBURR/BREAK SHARP EDGES
 5. DIMS ARE BEFORE FINISH
 6. (DATA) FOR REFERENCE ONLY

TOLERANCES
 DECIMAL ANGULAR
 .XX ±.010 ±.5°
 .XXX ±.005

THIRD ANGLE PROJECTION

DRAWN
 G Miller 10/18/15
 ENGINEER

CHECKED

QA

MFG

APPROVED:
 XX XXXXXX 10/18/15

ALLIANCE SENSORS GROUP
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TITLE
LRX-27-A SERIES OUTLINE

SIZE A	DWG NO 3000-0014-XX	REV D
SCALE NONE	SHEET 1 OF 1	