

SPECIFICATIONS:

Analog I/Os: (See Note 1)
0 - 3 V DC output, 5 V DC input, 40 mA max.
0 - 5 V DC output, 8 - 30 V DC input, 40 mA max.
0.5 - 4.5 V DC output, 8 - 30 V DC input, 40 mA max.
0 - 10 V DC output, 12 - 30 V DC input, 40 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% FSO (Full Span Output) typical, ±0.25% of FSO 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.

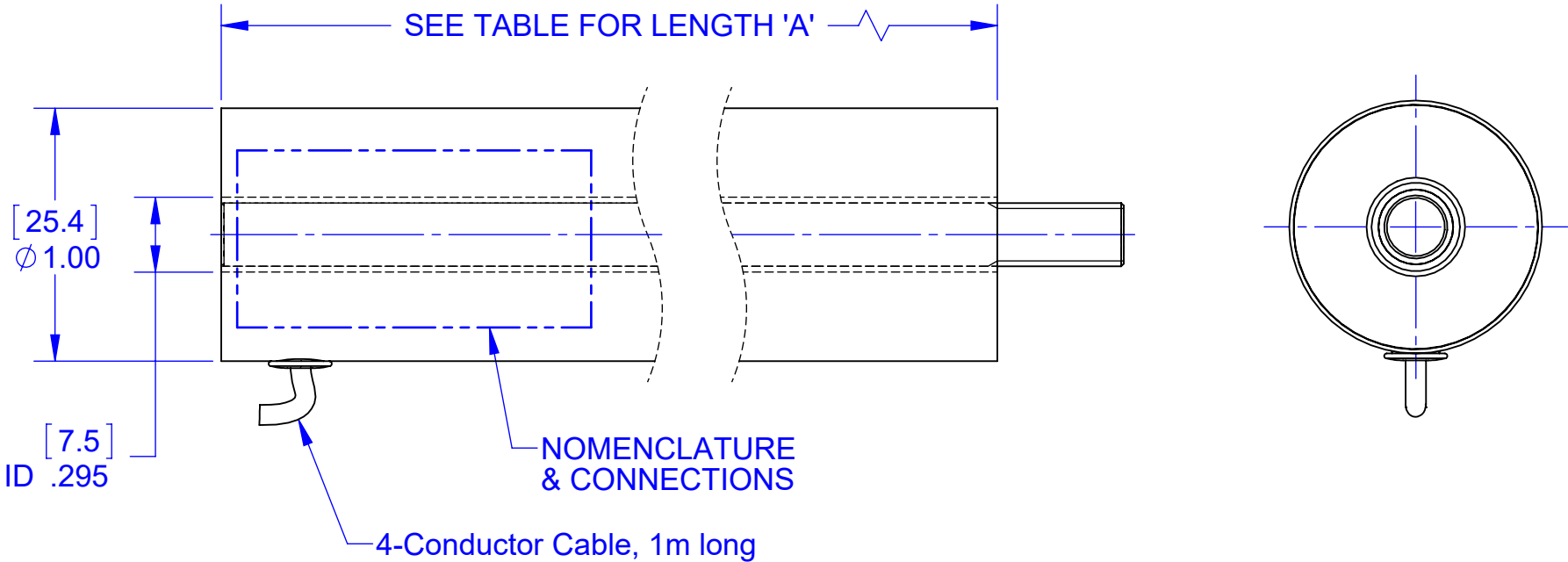
Note 1:
Standard output is at maximum with core extended;
consult LZ-25 data sheet to specify reversed output.

LZ-25 Range Table		
Nominal Range		Length "A"
Inches	mm	Inches (mm)
2.0	50	3.00 (76.2)
4.0	100	5.00 (127.0)
6.0	150	7.00 (177.8)
8.0	200	9.25 (235.0)
10.0	250	11.25 (285.8)
12.0	300	13.25 (336.6)
15.0	375	16.50 (419.1)
18.0	450	19.50 (495.3)
24.0	600	25.50 (647.7)
30.0	750	31.50 (800.1)
36.0	900	37.50 (952.5)

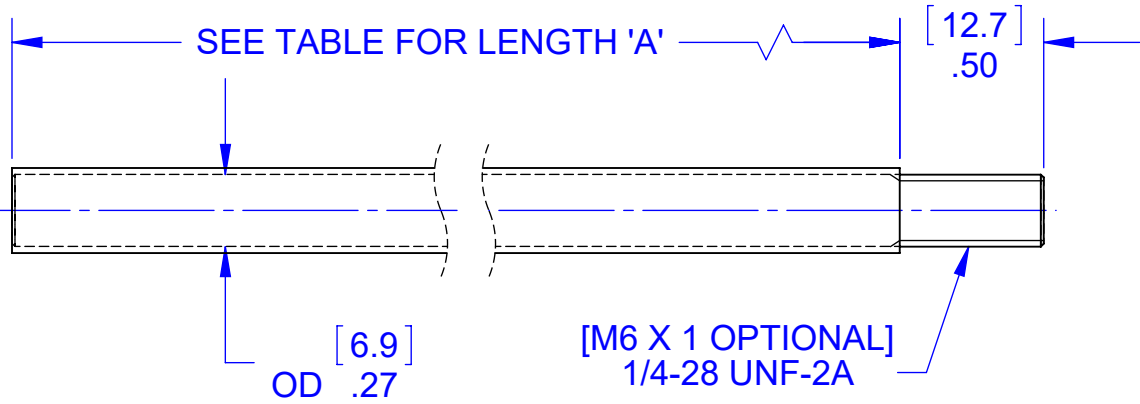
LZ-25 Connection Table	
I/O Function	Cable Color
+ Power Input	Red
Ground	Black
Analog output	Green
SenSet™	White

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07-01-2015	EH
B	RANGE TABLE MODIFIED VIEW OF CORE ADDED	08-17-2015	EH

ASSEMBLY



CORE



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

CONTRACT NO.
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TOLERANCES
DECIMAL:
XX ±.010
XXX ±.005

ANGULAR:
±.5°

THIRD ANGLE PROJECTION

DRAWN BY:
S P

DATE:
05-16-2015

ENGINEER:
Ed Herceg

CHECKED BY:
Ed Herceg

QA:
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MFG:
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APPROVED BY:
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ALLIANCE SENSORS GROUP
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Moorestown, New Jersey USA alliancesensors.com

LZ-25-XX-R
OUTLINE

SIZE: **B** CAGE CODE: N/A DWG. NO.: **3020-0002-XX-Y** REV: **B**

FILENAME: 3020-0002-XX-Y SCALE: N/A RELEASE DATE: -- SHEET 1 OF 1