

SPECIFICATIONS:

Analog I/Os: (See Note 1)

4 - 20 mA 3-wire sourcing DC output, 18 - 30 V DC input, 60 mA max

Do not connect to a 2-wire loop-powered system

Measuring Ranges: 2.00 inches (50.8 mm)

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 75 C

Temperature coefficient: ≤±0.015% of FSO/K

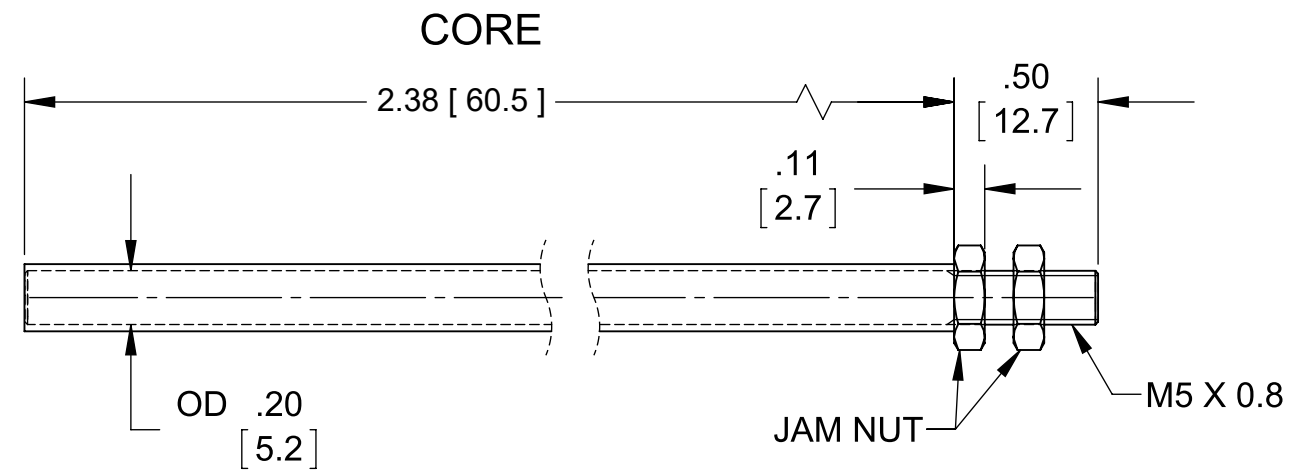
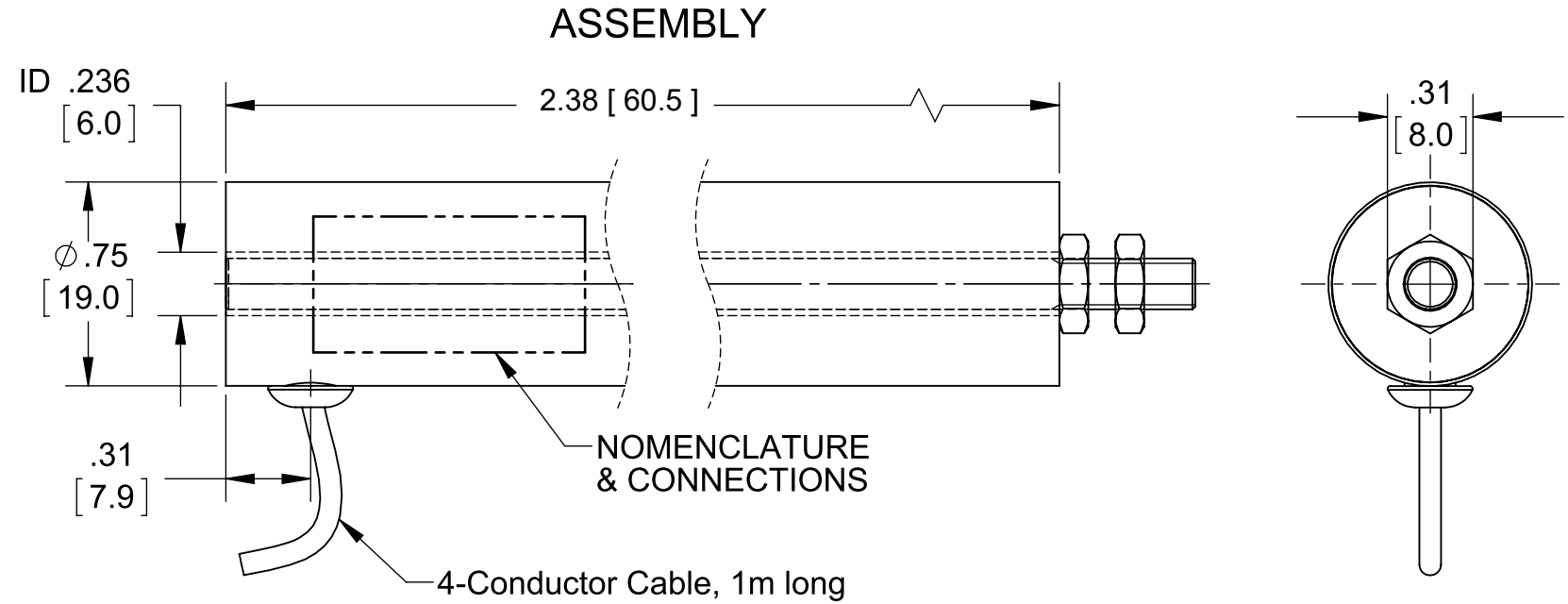
Humidity: 95% RH non-condensing

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 maximum with core extended

Specifications subject to change without notice



LZ-19 Connections Table	
I/O Function	Color
+ Power Input	Red
Common Ground	Black
Analog output	Green
SenSet™	White
Shield / drain *	Shield
*Shield unconnected internally	

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. --	
TOLERANCES		DRAWN BY: S P	DATE: 12-5-2024
DECIMAL: XX ±.010 XXX ±.005	ANGULAR: ±.5°	ENGINEER: Ed Herceg	--
THIRD ANGLE PROJECTION		CHECKED BY: Ed Herceg	--
		QA: --	--
MFG: --		APPROVED BY: --	--

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

LZI-19-050-R-00-20-S-0029
OUTLINE

SIZE: B	CAGE CODE: 7LE43	DWG. NO.: 3020-0032	REV: --
FILENAME: 3020-0032	SCALE: N/A	RELEASE DATE: --	SHEET 1 OF 2

DWG. NO. 3020-0032
REV. --
LAST EDIT: 12-5-2024
BY: S P

 Alliance Sensors Group
 Div. of HG Schaevitz LLC
 LZI-19-050-R-00-20-S-0029
 Made in USA S/N WWWW-NNNN

AllianceSensors.com 
 Red: + Power Input

Black: Common Ground

Green: Analog Output

White: SenSet™

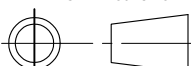
Telemetry Equipment for use
 in Class I, Division 2, Groups C
 and D, Hazardous Locations, T4

Etch per laser etcher file:
 LZI-19-050-R-00-20-S-0029.RLD



E541451



UNLESS OTHERWISE SPECIFIED:		CONTRACT NO.	
1. DO NOT SCALE DRAWING 2. DIMENSIONS ARE IN INCHES 3. INTERPRET PER DOD-STD-100, DIM/TOL PER ANSI Y14.5M-1994 4. DEBURR/BREAK SHARP EDGES 5. DIMS ARE BEFORE FINISH 6. (DATA) FOR REFERENCE ONLY		---	
TOLERANCES		DRAWN BY:	DATE:
DECIMAL:	FRACTIONAL: ±1/32	S P	12-5-2024
X ± .050	ANGULAR: ±.5°	ENGINEER:	
XX ± .010		Ed Herceg	--
XXX ± .005		CHECKED BY:	
		Ed Herceg	--
THIRD ANGLE PROJECTION		QA:	
		MFG:	--
		APPROVED BY:	--

ALLIANCE SENSORS GROUP

A DIVISION OF H.G. SCHAEVITZ LLC

Pennsauken, New Jersey USA alliancesensors.com

LZI-19-050-R-00-20-S-0029

OUTLINE

SIZE: B	CAGE CODE: 7LE43	DWG. NO.:	REV
		3020-0032	--
FILENAME: 3020-0032	SCALE: 1:1	RELEASE DATE: --	SHEET 2 OF 2

DWG. NO. 3020-0032

REV --

LAST EDIT: 12-5-2024

BY:

S P