

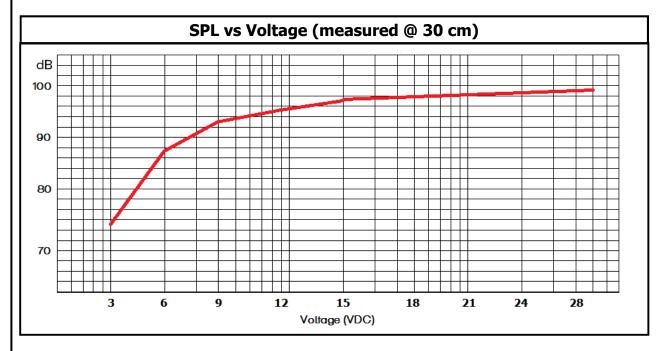
## AI-4228-TF-LW140-4-R **42mm Indicator**



3541 Stop Eight Road ● Dayton, Ohio 45414

## **Product Overview**

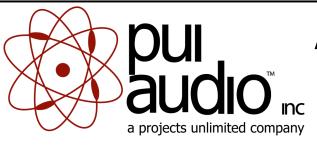
- 42mm diameter, 3-28 VDC self-drive indicator
- High 95 dBA minimum output (12 VDC @ 10 cm) and 2.8 kHz continuous tone
- ABS housing with mounting tabs and 140mm lead wires for quick connection
- Piezo-based solution consumes only 7 mA of current





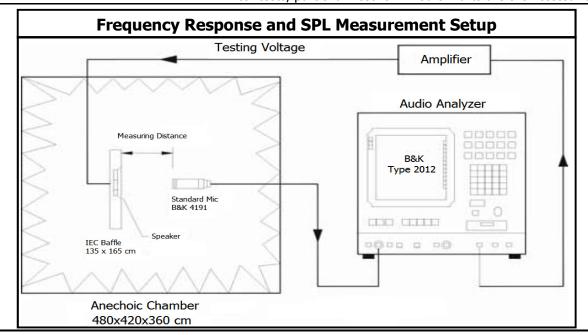


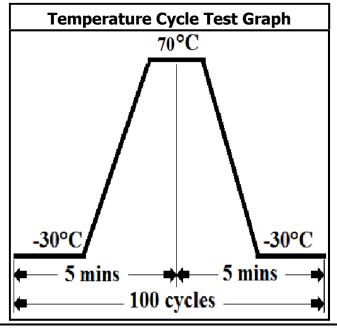


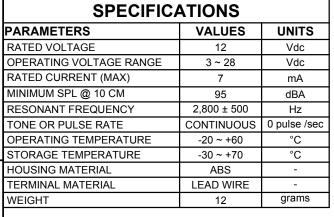


## AI-4228-TF-LW140-4-R 42mm Indicator

Mechanical and Environment Testing			
Test Description	Test Condition		
High Temperature	70°C (±2°C) with random humidity for 96 hours		
Low Temperature	-30°C (±2°C) with random humidity for 96 hours 40°C (±2°C) with 90% to 95% relative humidity for 96 hours		
Humidity			
Vibration	0.75 mm movement modulated at 10-55 Hz for 3 hours		
Drop Test	100 cm free fall onto wood board, 10 cycles		
Temperature Cycle Test	-30°C to 70°C, 100 cycles		
After tests, part shall rest for 2 hours. Parts are then tested for clean, pure tones.			







NOTES:

WITHOUT NOTICE.

1. ALL DIMENSIONS ARE IN MILLIMETERS.

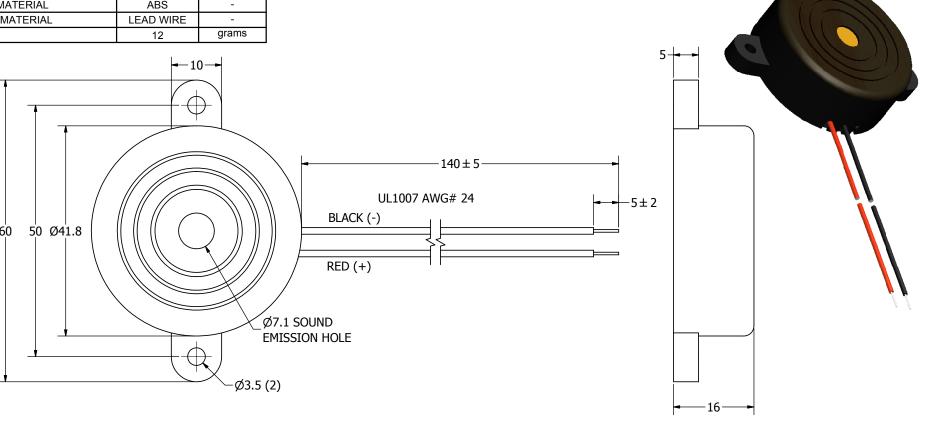
3. THIS PART IS RoHS 2002/95/EC COMPLIANT.

2. SPECIFICATIONS SUBJECT TO CHANGE OR WITHDRAWL

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REVISION HISTORY				
LTR	DESCRIPTION	DATE	APPROVED	
-	RELEASED FROM ENGINEERING	5/05/2006		
Α	REVISED COLOR OF LEAD WIRE	10/11/2007	R.W.	
В	REVISED TO INVENTOR 3-D DRAWING TEMPLATE	3/03/2008	B.R.	



UNLESS OTHERWISE

DIMENSIONS ARE IN MILLIMETERS,

TOLERANCES

ARE ±0.5 AND ANGLES ARE ±3°.

AI-4228-TF-LW140-4-R.idw

Designed by

SIZE

Date

5/5/2006

Checked by

B.R.

Date

5/5/2006

Approved by

E.P.

Indicator

AI-4228-TF-LW140-4-R

Date

5/5/2006

Drawn Date

3/3/2008

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