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TEST REPORT

TEST REPORT			
Sample / Report No.	ELD3170072021	Page 1 of 5	
Name and Address of Customer	Avery Instrument Unit 8, 23/F, Laurels Industrial Centre, 32 Tai Yau Street, San Po Kong, Kowloon, Hong Kong		
Product Description	Pressure Transducer		
Sample Qty.	01	Date of Receipt	13/11/2021
Model Number	AV500B010GYL4A000	Start Date of Analysis	13/11/2021
Name of Manufacturer & Address:	Avery Instrument Unit 8, 23/F, Laurels Industrial Centre, 32 Tai Yau Street, San Po Kong, Kowloon, Hong Kong	End Date of Analysis	27/11/2021
Test Standard	Shock Test As Per IEC 60068-2-27, Sine Vibration Test as per IEC 60068-2-6, Random Vibration Test as per IEC 60068-2-64	Report Issue Date	29/11/2021
Sample received condition	<input checked="" type="checkbox"/> Good <input type="checkbox"/> Others		
Test laboratory & Address :	ALPHA TEST HOUSE 487/25, Near Prachin Shiv Mandir, Peeragarhi, New Delhi-110087		
Any Other Information	--		

General Remarks: (if any)

- The test results presented in this report relate only to the object tested.
- This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.

Tested By	Approved By / Authorized Signatory	Issued By
		
Test Engineer: Mr. SHIVAM SHAHI	Technical Manager: Mr. DHANANJAY KR. SHARMA	IA: Mr. ASHISH RANA
Date: 29/11/2021	Date: 29/11/2021	Date: 29/11/2021

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S.NO	TEST	REQUIREMENTS	TEST METHOD	RESULTS
1.	Sine Vibration test	Sine Vibration test shall be tested as per IEC 60068-2-6	IEC 60068-2-6	Pass (See Attachment Annex 1)
2.	Shock test	Shock test shall be tested as per IEC 60068-2-27	IEC 60068-2-27	Pass (See Attachment Annex 1)
3	Random Vibration Test	Random Vibration test shall be tested as per IEC 60068-2-64	IEC 60068-2-64	Pass (See Attachment Annex 1)

Annex 1

Sr. No.	Clause No.	Parameter & Test Conditions	Test Requirement	Measured/ Values/ Observations	Remark										
1.	Sine Vibration test (IEC 60068-2-6)	Freq. Range 10-150Hz, 10m/s ² (1g _n), 3 axes, sweep rate 1 octave/min 1 sweep/axis	Visual examination	No visual damage observed	Satisfactory										
2.	Random Vibration Test (IEC 60068-2-64)	Duration: 5 Hours in each Orientation. Duration : 15Hours <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Freq (Hz)</th> <th>Orientation</th> <th>ASD Level (m/s²)²/Hz</th> </tr> </thead> <tbody> <tr> <td rowspan="3">10-150</td> <td>Vertical</td> <td>2.00</td> </tr> <tr> <td>Transverse</td> <td>2.00</td> </tr> <tr> <td>Longitudinal</td> <td>0.16</td> </tr> </tbody> </table>	Freq (Hz)	Orientation	ASD Level (m/s ²) ² /Hz	10-150	Vertical	2.00	Transverse	2.00	Longitudinal	0.16	Visual examination	No visual damage observed	Satisfactory
Freq (Hz)	Orientation	ASD Level (m/s ²) ² /Hz													
10-150	Vertical	2.00													
	Transverse	2.00													
	Longitudinal	0.16													
3.	Shock test (IEC 60068-2-27)	Half sine wave 6 ms, 10g, 6 number of shocks, 3 pulses per direction	Visual examination	No visual damage observed	Satisfactory										



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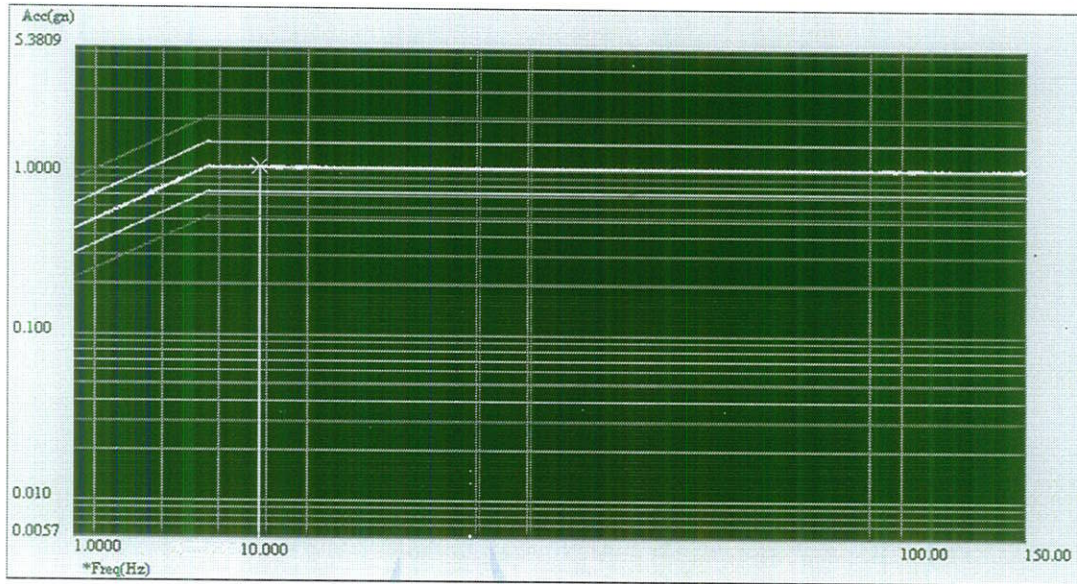
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Sine vibration test profile



Test set up X-Axis



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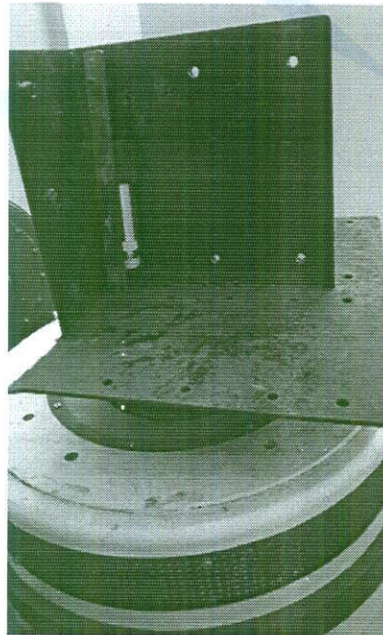
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Test set up Y-Axis



Test set up Z-Axis



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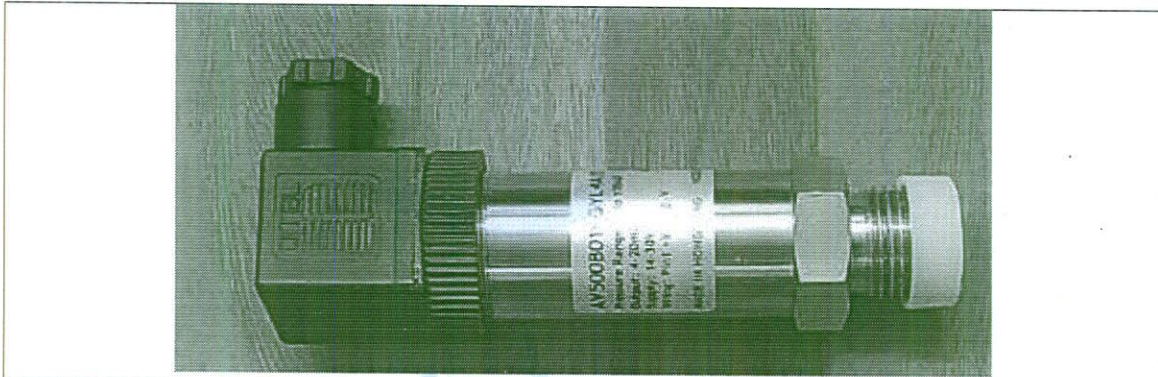
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PHOTOGRAPH OF SAMPLE



EXTERNAL VIEW

END OF TEST REPORT

