Model	Number
6031	VI 113

INDUSTRIAL ACCELEROMETER

Revision: D ECN #: 51669

ENGLISH	SI	
100 mV/g	10.2 mV/(m/s²)	[1]
± 50 g	$\pm 490 \text{m/s}^2$	[2]
± 15 g	• -	[2]
96 to 600,000 cpm	1.6 to 10,000 Hz	[3]
		[2]
1.5 mg		[2]
= :		[4]
≤ 7 %	≤ 7 %	
	_	
•	•	[2]
IP68	IP68	
	176.6 (µm/sec [∠])/√Hz	[2]
, ,	39.2 (µm/sec ²)/√Hz	[2]
1.5	19.6 (µm/sec ²)/√Hz	[2]
> 10 ⁸ Ohm	> 10 ⁸ Ohm	
		[5]
Signal	Signal	
	100 mV/g ± 50 g ± 15 g 96 to 600,000 cpm 1,500 kcpm	100 mV/g

OPTIONAL VERSIONS

Optional versions have identical specifications and accessories as listed for the standard model except where noted below. More than one option may be used.

M - Metric Mount Supplied Accessory: Model M081A61 Mounting Stud 1/4-28 to M6 X 1 (1)

NOTES:

[1] Conversion Factor $1g = 9.81 \text{ m/s}^2$.

[2]Typical.

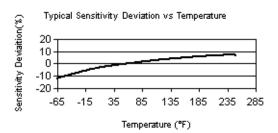
[3] The high frequency tolerance is accurate within $\pm 10\%$ of the specified frequency.

[4]Zero-based, least-squares, straight line method.

[5]1/4-28 has no equivalent in S.I. units.

[6] See PCB Declaration of Conformance PS107 for details.





SUPPLIED ACCESSORIES:

Model 081A40 Mounting Stud

Model ICS-2 NIST-traceable single-point amplitude response calibration at 6000 cpm (100 Hz) for each axis (1)

Entered: ND	Engineer: gs	Sales: JL	Approved: BAM	Spec Number:
Date: 04/23/2021	Date: 04/23/2021	Date: 04/23/2021	Date: 04/23/2021	34081



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