Internally amplified helicopter accelerometer



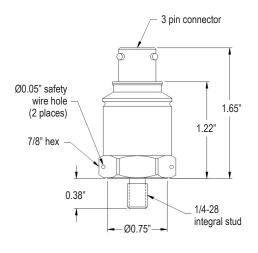
HA100

SPECIFICATIONS

	40 mV/g
	80 g peak
	1%
±5% ±10% ±3 dB	2 - 5,000 Hz 1 - 9,000 Hz 0.5 - 14,000 Hz
ted, nominal	30 kHz
	5% of axial
−50°C +120°C	–20% +10%
ge source	9 VDC, 700 μA, max.
ninal: z to 25 kHz 10 Hz 100 Hz 1,000 Hz	70 μg 5.0 μg/√Hz 0.8 μg/√Hz 0.5 μg/√Hz
	100 Ω
	4.2 ±0.5 VDC
	case isolated
	–50° to +120°C
	250 g peak
	1,000 g peak
equiv. g	70 μg/gauss
	0.0002 g/µstrain
	≤82 grams
	316L stainless steel
	1/4-28 x 0.38" integral stud
	3-pin, MIL-C-26482 style
	R4
	J9T2, two conductor shielded, Tefzel® jacket, 30 pF/ft
	±10% ±3 dB ed, nominal -50°C +120°C ge source ninal: t to 25 kHz 10 Hz 100 Hz 1,000 Hz

Key features

· Manufactured in ISO 9001 facility



Connections		
Function	Connector pin	
9 VDC	Α	
signal out	В	
common	С	

Accessories supplied: 80360-01 mounting stud; calibration data

Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.

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