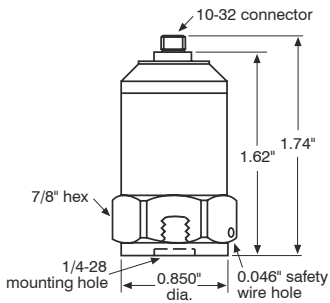


Model 376/CC701HT system Accelerometer/charge amplifier system



Features

- Industrial ruggedness
- Charge output
- Ground isolated
- 260°C operation



Model 376

Dynamic

Sensitivity, 25°C	100 mV/g,	
±10% Acceleration range	50	g
Amplitude linearity, to 50 g	1%	
Frequency response:.....	2 - 10,000 Hz	
±3 dB	1 - 15,000 Hz	
Resonance frequency	30 kHz	
Transverse sensitivity	7% of axial	
Temperature response:.....	-10%	
+260°C		
+20%		
.....	18 - 30 VDC	
.....	2 - 10 mA	

Electrical noise, equiv. g:

Broadband	0.001 g
peak	
Output impedance.....	600 Ω isolated

Environmental

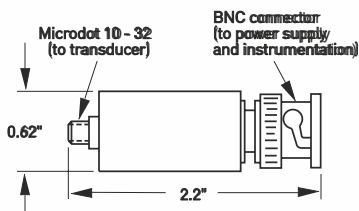
Temperature range:	
376.....	-50 to 260°C
CC701HT.....	-40 to 100°C
Vibration limit	500 g peak
Shock limit	5000 g peak
Base strain	0.002 g/μstrain

Physical

Sensing element design.....	PZT ceramic / compression
Weight:	
376.....	75 grams
CC701HT.....	40 grams
Case material	316L stainless steel
Mounting	1/4-28 tapped hole
Mating connector	BNC jack
Standard cabling ¹	R1-1-J3-12

Connector pin	Function
Shell	common
Pin	power / signal

Notes: ¹ Other cable lengths are available
Accessories supplied: Calibration data (level)



Model CC701HT