

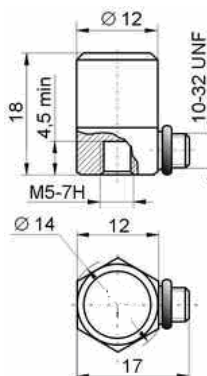


General Purpose Vibration Transducers with
Built-In Electronics NTIP2037, NTIP2037-100

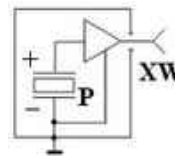


Parameter	Unit	NTIP2037 *3	NTIP2037-100 *3
Axial sensitivity ($\pm 10\%$).....	mV/g *1	10	100
Relative transverse sensitivity..%		< 5	
Amplitude range.....	g *1	± 500	± 50
Max. shock limit (peak value).....	g *1	$\pm 1\ 500$	
Operating temperature range.....	$^{\circ}\text{C}$	- 40...+ 125	
Frequency range (ripple $\pm 1\text{dB}$) ...	Hz	0.5...15000	
Self-resonant frequency in attached condition.....	kHz	> 45	
Noise level, RMS(1Hz...10kHz).....	g *1	< 0.000 5	< 0.000 35
Output resistance.....	Ohm	< 500	
Voltage power.....	V	+ (15...30)	+ (18...30)
Current power.....	mA	2...20	
Constant output voltage level....	V	8...11	10...13
Design.....	-	Shear	
Bottom insulation.....	-	no	
Connector type.....	-	10-32UNF	
Housing material.....	-	stainless steel(titanium alloy)	
Weight (without connector and cable).....	gram	10 (6)	

General view of
NTIP2037



Electrical circuit



The circuit of connection to
a data-acquisition equipment

