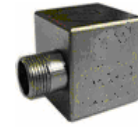


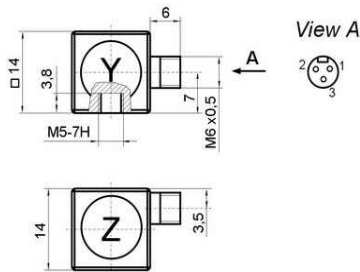


## Three-Axis Vibration Transducers with Built-In Electronics NTIP2043-10, NTIP2043-30

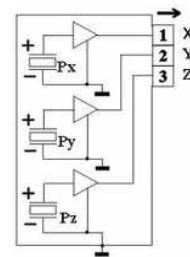


Parameter	Unit	NTIP2043-10	NTIP2043-30
Axial sensitivity ( $\pm 10\%$ ).....	mV/g <sup>*1</sup>	10	30
Relative transverse sensitivity.....	%	< 5	
Amplitude range.....	g <sup>*1</sup>	$\pm 500$	$\pm 100$
Max. shock limit (peak value).....	g <sup>*1</sup>	$\pm 500$	$\pm 200$
Operating temperature range.....	$^{\circ}$ C	- 40...+ 125	
Frequency range (ripple $\pm 1$ dB).....	Hz	0.5...12 000	
Self-resonant frequency in attached condition.....	kHz	> 36	
Noise level, RMS (1 Hz ... 10 kHz).....	g <sup>*1</sup>	< 0.002	< 0.001
Output resistance.....	Ohm	< 500	
Voltage power.....	V	+ (18...30)	
Current power.....	mA	2...20	
Constant output voltage level.....	V	10...13	
Turn-on time.....	s	4	
Design.....	-	Shear	
Bottom insulation.....	-	no	
Built-in cable length.....	m	2	
Housing material.....	-	Titanium alloy	
Weight (without connector and cable)....	gram	13	

### General view



### Electrical circuit



The circuit of connection to a data-acquisition equipment

