

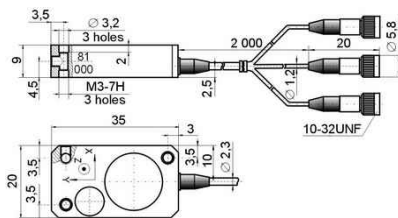


Three-Axis Vibration Transducers with Built-In Electronics NTIP2081-10, NTIP2081-100

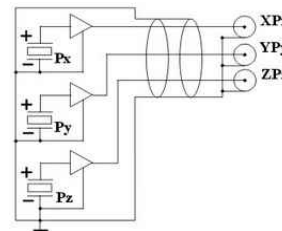


Parameter	Unit	NTIP2081-10	NTIP2081-100
Axial sensitivity ($\pm 10\%$).....	mV/g ^{*1}	10	100
Relative transverse sensitivity.....	%	< 5	
Amplitude range.....	g ^{*1}	± 500	± 50
Max. shock limit (peak value).....	g ^{*1}	± 500	
Operating temperature range.....	° C	- 40...+ 125	- 40...+ 80
Frequency range (ripple ± 1 dB).....	Hz	0.5...10 000	
Self-resonant frequency in attached condition.....	kHz	> 30	
Noise level, RMS(1Hz...10kHz).....	g ^{*1}	< 0.000 5	< 0.000 3
Output resistance.....	Ohm	< 500	
Voltage power.....	V	+ (15...30)	+ (18...30)
Current power.....	mA	2...20	
Constant output voltage level.....	V	8...11	11...14
Design.....	-	Shear	
Bottom insulation.....	-	no	
Built-in cable length.....	m	2 ^{*2}	
Connector type.....	-	BNC (10-32UNF) ^{*2}	
Housing material.....	-	Titanium alloy	
Weight(without connector and cable)....	gram	34	
Supplied accessories.....	-	3 screws M3×16	

General view



Electrical circuit



The circuit of connection to a data-acquisition equipment

