



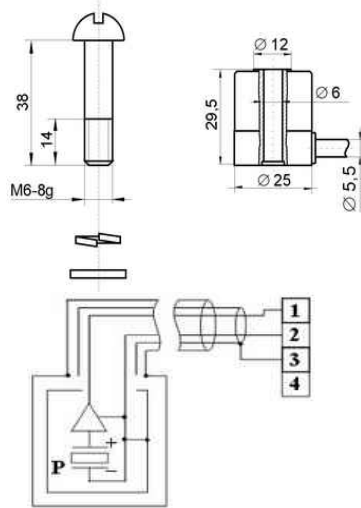
Industrial Vibration Transducers with Built-In
Electronics NTIP36-30, NTIP36-50, NTIP36-100



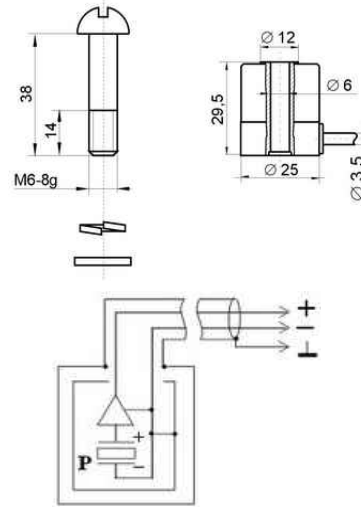
Parameter	Unit	NTIP36-30	NTIP36-50	NTIP36-100
Axial sensitivity ($\pm 10\%$).....	mV/g ^{*1}	30	50	100
Relative transverse sensitivity.....	%	< 5		
Amplitude range.....	g ^{*1}	$\pm(20...130)$	$\pm(12...80)$	$\pm(6...40)$
Max. shock limit (peak value).....	g ^{*1}	± 500		
Operating temperature range.....	° C	- 40...+ 125		
Frequency range(ripple ± 1 dB).....	Hz	1...11 000		
Self-resonant frequency in attached condition.....	kHz	> 35		
Noise level, RMS(1Hz...10kHz).....	g ^{*1}	< 0.000 3	< 0.000 2	< 0.000 1
Output resistance.....	Ohm	< 500		
Voltage power.....	V	+ (9...15)		
Current power.....	mA	< 4		
Constant output voltage level.....	V	3...10		
Design.....	-	Shear		
Bottom insulation.....	-	yes		
Built-in cable length.....	m ^{*2}	2		
Cable shield.....	-	flexible metal ^{*2} pipe		
Housing material.....	-	stainless steel		
Weight(without connector and cable). gram		39		
Supplied accessories.....	-	screw M6-8g×38, washer $\varnothing 6$ mm, spring washer		



VTI36 modification
with the flexible metal
pipe



VTI36 modification
without a flexible
metal pipe



The circuit of connection to a data-acquisition
equipment

