



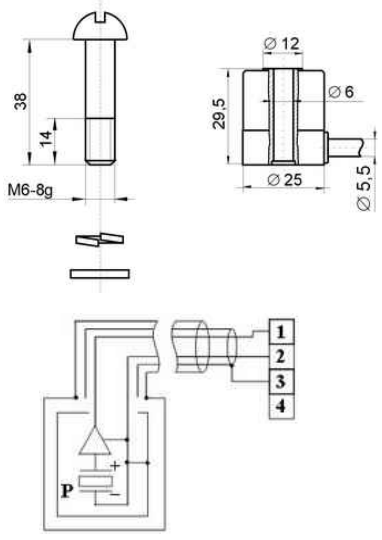
Industrial Vibration Transducers with Built-In  
Electronics NTIP35-10, NTIP35-30, NTIP35-50,  
NTIP35-100



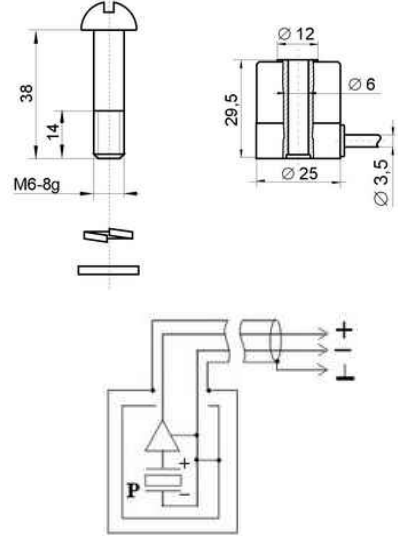
Parameter	Unit	NTIP35-10 <sup>*3,*4</sup>	NTIP35-30 <sup>*3,*4</sup>	NTIP35-50 <sup>*3,*4</sup>	NTIP35-100 <sup>*3,*4</sup>
Axial sensitivity (± 10 %)	mV/g <sup>*1</sup>	10	30	50	100
Relative transverse sensitivity	%		< 5		
Amplitude range	g <sup>*1</sup>	±480	±160	±100	±50
Max. shock limit(peak value)	g <sup>*1</sup>	±500			
Operating temperature range	° C		-40...+125		
Frequency range (ripple ± 1 dB)	Hz		0.5...11000		
Self-resonant frequency in attached condition	kHz		> 40		
Noise level, RMS (1Hz ... 10 kHz)	g <sup>*1</sup>	< 0.0005	< 0.0002	< 0.0002	< 0.0002
Output resistance	Ohm		< 500		
Voltage power	V	+ (15...30)			+ (18...30)
Current power	mA		2...20		
Constant output voltage level	V	8...11			11...13
Design	-		Shear		
Bottom insulation	-		yes		
Built-in cable length	m		2 <sup>*2</sup>		
Cable shield	-		flexible metal pipe <sup>*2</sup>		
Housing material	-		stainless steel		
Weight (without connector and cable)	gram		39		



VTI35 modification  
with the flexible  
metal pipe



VTI35 modification  
without a flexible  
metal pipe



The circuit of connection to a data-acquisition  
equipment

