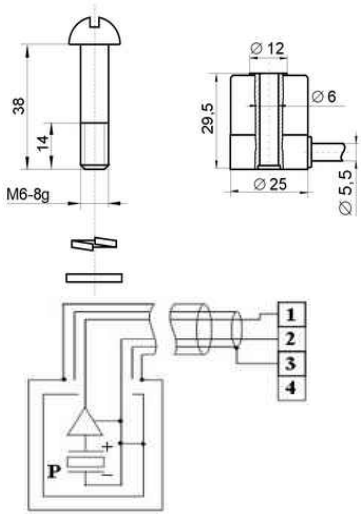
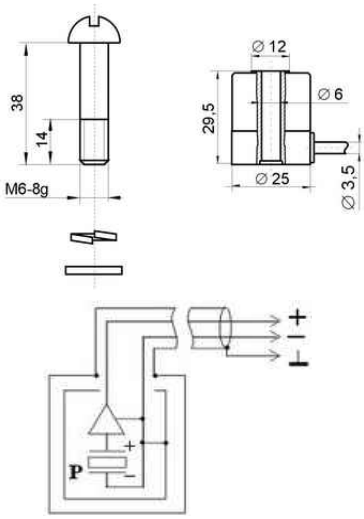
Industrial Vibration Transducers with Built-In Electronics NTIP36-30, NTIP36-50, NTIP36-100

Parameter	Unit	NTIP36-30	NTIP36-50	NTIP36-100
Axial sensitivity (± 10 %)	mV/g[*1]	30	50	100
Relative transverse sensitivity	%	< 5		
Amplitude range	g[*1]	±(20...130)	± (12...80)	± (6...40)
Max. shock limit (peak value)	g[*1]	± 500		
Operating temperature range	° C	- 40…+ 125		
Frequency range (ripple ± 1dB)	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 Ø 6 мм, spring washer		

NTIP36 modification with the flexible metal pipe



NTIP36 modification without a flexible metal pipe



The circuit of connection to a data-acquisition equipment