

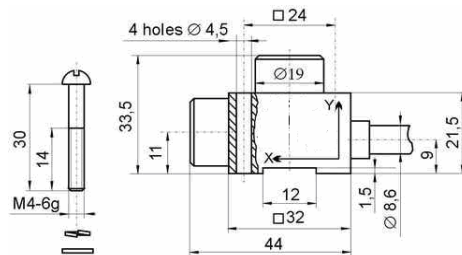


## Industrial Three-Axis Vibration Transducer with Built-In Electronics NTIP71



Parameter	Unit	NTIP71 <sup>*3</sup>
Axial sensitivity ( $\pm 10\%$ ).....	mV/g <sup>*1</sup>	200...250
Relative transverse sensitivity.....	%	< 5
Amplitude range.....	g <sup>*1</sup>	$\pm(4...20)$
Max. shock limit (peak value).....	g <sup>*1</sup>	$\pm 500$
Operating temperature range.....	$^{\circ}\text{C}$	-40...+125
Frequency range (ripple $\pm 1\text{ dB}$ ).....	Hz	1...10 000
Self-resonant frequency in attached condition.kHz		> 35
Noise level, RMS (1 Hz ... 10 kHz).....	g <sup>*1</sup>	< 0.0001
Output resistance.....	Ohm	< 500
Voltage power.....	V	+(9...15)
Current power (1 channel).....	mA	< 4
Constant output voltage level.....	V	3...9
Design.....	-	Shear
Bottom insulation.....	-	yes
Housing material.....	-	stainless steel
Weight (without connector and cable).....	gram	160

### General view of NTIP71



### Electrical circuit of NTIP71

