

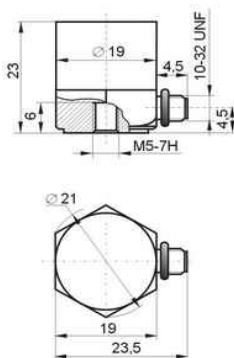


General Purpose Vibration Transducers NTIP57, NTIP58

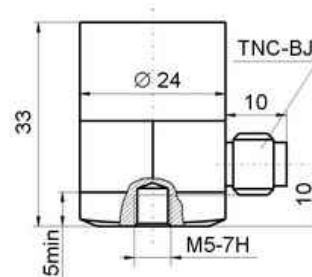


Parameter	Unit	NTIP57 <sup>*3</sup>	NTIP58
Axial sensitivity ( $\pm 20\%$ ).....	pC/g <sup>*1</sup>	80	80
Relative transverse sensitivity.....	%	< 5	< 5
Amplitude range.....	g <sup>*1</sup>	$\pm 2000$	$\pm 500$
Max. shock limit (peak value).....	g <sup>*1</sup>	$\pm 4000$	$\pm 1000$
Operating temperature range.....	$^{\circ}\text{C}$	-60...+150	-40...+150
Frequency range (ripple $\pm 1\text{dB}$ ).....	Hz	0.5...8000	0.5...5000
Self-resonant frequency in attached condition.....	kHz	> 20	> 15
Strain sensitivity.....	g $\cdot$ m/ $\mu\text{m}$	< 0.005	< 0.05
Capacitance.....	pF	700...1000	700...1000
Insulation resistance in normal conditions.....	MOhm	> 10000	> 10000
Design.....	-	Shear	Shear
Housing material.....	-	st./steel(titanium)	st./steelalloy) <sup>*2</sup>
Weight (without connector and cable).....	gram	40 (32)	65

General view of NTIP57



General view of NTIP58



The typical electrical circuit of NTIP57, NTIP58

