

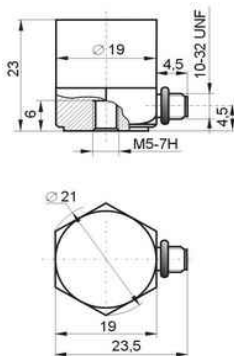


General Purpose Vibration Transducers NTIP57, NTIP58

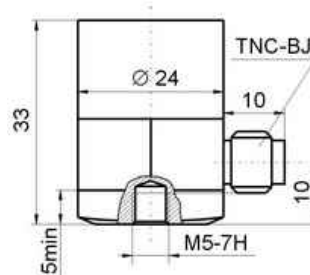


Parameter	Unit	NTIP57 ^{*3}	NTIP58
Axial sensitivity ($\pm 20\%$).....	pC/g	80	80
Relative transverse sensitivity.....	%	< 5	< 5
Amplitude range.....	g ^{*1}	± 2000	± 500
Max. shock limit (peak value).....	g ^{*1}	± 4000	± 1000
Operating temperature range.....	° C	-60...+150	-40...+150
Frequency range (ripple ± 1 dB).....	Hz	0.5...8000	0.5...5000
Self-resonant frequency in attached condition.....	kHz	> 20	> 15
Strain sensitivity.....	g • m/ μ 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) ^{*2}
Weight (without connector and cable).....	gram	40 (32)	65

General view of NTIP57



General view of NTIP58



The typical electrical circuit of NTIP57, NTIP58

