

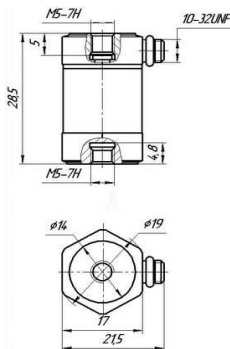


Standard Vibration Transducer NTIP10



Parameter	Unit	NTIP10
Axial sensitivity ( $\pm 3\%$ ).....	$\text{pC/m} \cdot \text{s}^{-2}$	0.102
Relative transverse sensitivity.....	%	< 3
Amplitude range.....	$\text{m} \cdot \text{s}^{-2}$	0.05...10000
Max. shock limit (peak value).....	$\text{m} \cdot \text{s}^{-2}$	$\pm 20000$
Operating temperature range.....	$^{\circ}\text{C}$	-60...+200
Frequency range		
- ripple $\pm 1\%$ .....	Hz	4...1250
- ripple $\pm 3\%$ .....		0.5...5000
- ripple $\pm 6\%$ .....		0.5...10000
Self-resonant frequency in attached condition..	kHz	> 30
Strain sensitivity		
- low base mounting,,,,,,	$\text{m} \cdot \text{s}^{-2}/\mu\text{m} \cdot \text{m}^{-1}$	< 0.005
- top end mounting,,,,,,		< 0.01
Capacitance.....	pF	36
Insulation resistance in normal conditions....	MOhm	> 5000
Piezoelectric material.....	-	Quartz
Design,,,,,,	-	Compression
Bottom insulation.....	-	no
Housing material.....	-	Stainless steel
Weight (without connector and cable).....	gram	45

General view



Electrical circuit

