

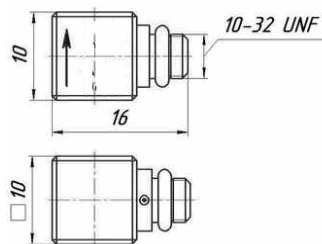


General Purpose Vibration Transducers NTIP24
(NTIP24-01), NTIP37, NTIP39

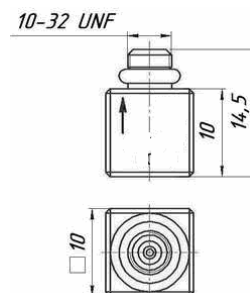


Parameter	Unit	NTIP24 ^{*3}	NTIP24-01 ^{*3}	NTIP37 ^{*3}	NTIP39
Axial sensitivity ($\pm 20\%$).....	pC/g ^{*1}	3		10	20
Relative.....	%	< 5		< 5	< 5
transverse sensitivity					
Amplitude range	g ^{*1}	± 3000		± 10000	± 5000
Max. shock limit (peak value)....	g ^{*1}	± 6000		± 15000	± 10000
Operating temperature range.....	$^{\circ}C$	$-60 \cdots +150$		$-60 \cdots +$	$-60 \cdots +$
Frequency range				150	150
(ripple $\pm 1dB$).....	Hz	$1 \cdots 10000$		$0.5 \cdots 15$	$0.5 \cdots 10$
Self-resonant frequency				000	000
in attached condition.....	kHz	> 30		> 45	> 35
Strain sensitivity.....	g \cdot m/ μm	< 0.0005		< 0.005	< 0.02
Capacitance.....	pF	$600 \cdots 900$		$600 \cdots 800$	$600 \cdots 800$
Insulation resistance					
in normal conditions.....	MOhm	>10000		>10000	>10000
Design.....	-	Shear		Shear	Shear
Bottom insulation.....	-	no		no	no
Housing material.....	-	aluminium alloy		st./steel	st./steel
Weight (without connector and				(titanium	(titanium
cable).....	gram	4.5		alloy) ^{*2}	alloy) ^{*2}
				12 (9)	17 (12)

General view of
NTIP24

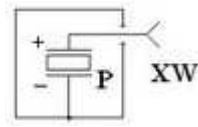


General view of
NTIP24-01

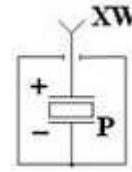




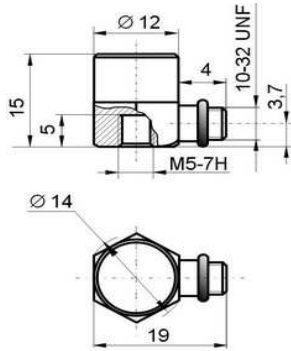
Electrical circuit of
NTIP24



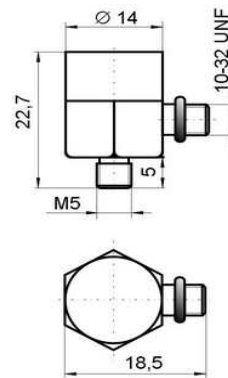
Electrical circuit of
NTIP24-01



General view of
NTIP37



General view of
NTIP39



The typical electrical circuit of NTIP37, NTIP39

