



Vibration Velocity Transducers NTIAV02, NTIAV03



Parameter	Unit	NTIAV02	NTIAV03
Vibration velocity conversation factor into current signal 4 ... 20mA.....	mA • s/mm	0.8 ± 0.025	
Relative transverse sensitivity.....	%	< 5	
Measured vibration velocity range RMS....	mm/s	0.1...20*1	
Maximum vibration acceleration (peak value).....	m/s ²	100	
Operating temperature range.....	°C	- 40 ...+ 85	
Frequency range (ripple ±1 dB).....	Hz	5 ...1 000 (10...1 000)*2	
Self-resonant frequency in attached condition.....	kHz	> 5	
Amplitude nonlinearity.....	%	± 2.5	
Voltage supply (const.).....	V	8...25	
Load resistance in output circuit at the voltage supply 9...25 V.....	Ohm	0 ... 250	
Turn-on time.....	s	< 4	
Housing material.....	-	stainless steel	
Built-in cable length.....	m	2*2	
Weight (without cable).....	gram	95	
Cable shield.....	-	flexible metal pipe	

General view of NTIAV02 General view of NTIAV03



Connection circuit

