

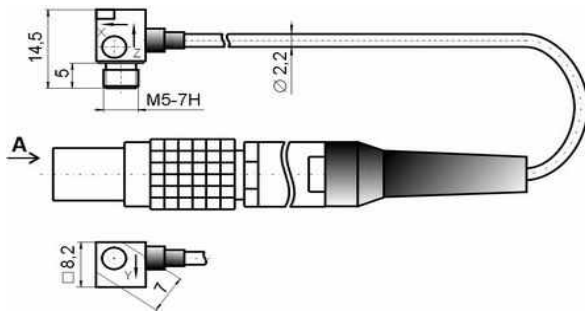


Miniature Three-Axis Vibration Transducer with Built-In Electronics NTIP2022



Parameter	Unit	NTIP2022
Axial sensitivity ($\pm 10\%$).....	mV/g ^{*1}	10
Relative transverse sensitivity.....	%	< 5
Amplitude range.....	g ^{*1}	± 450
Max.shock limit (peak value).....	g ^{*1}	± 1000
Operating temperature range.....	° C	-40...+125
Frequency range (ripple ± 1 dB).....	Hz	10...20000
Self-resonant frequency in attached condition.....	kHz	> 60
Noise level, RMS (1 Hz ... 10 kHz).....	g ^{*1}	< 0.001
Output resistance.....	Ohm	< 500
Voltage power.....	V	+(18...30)
Current power.....	mA	2...20
Constant output voltage level.....	V	10...13
Turn-on time.....	s	4
Design.....	-	Shear
Bottom insulation.....	-	no
Built-in cable length.....	m	2
Connector type.....	-	LEM08
Housing material.....	-	titanium alloy
Weight (without connector and cable).....	gram	4

General view of NTIP2022



Electrical circuit (view A)

