

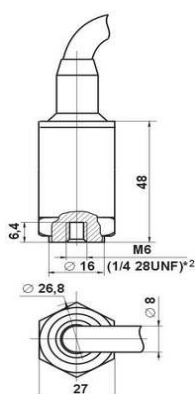
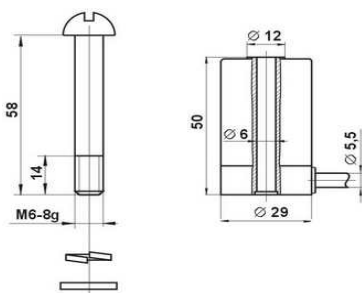


## NTIP35T, NTIP85T Industrial Vibration Transducers with Built-In Electronics and Current Output



Parameter	Unit	NTIP35T*3	NTIP85T*3
Vibration velocity conversation factor into current signal 4...20 mA.....	mA/g*1	0.5 ± 0.025	
Relative transverse sensitivity.....	%	< 5	
Measurable RMS acceleration range.....	g*1	0.1...35	
Max.shock limit (peak value).....	g*1	± 50	
Operating temperature range.....	° C	-40...+ 80	
Frequency range at the level of -1 dB (ripple ± 1 dB).....	Hz	10...10 000	
Self-resonant frequency in attached condition.....	kHz	> 30	
Non-linearity of amplitude characteristics.....	%	± 2.5	
Load resistance in current output circuit when voltage supply is 9 ... 30 V.....	Ohm	100...250	
Voltage power.....	V	+(9...30)	
Turn-on time.....	s	< 4	
Design.....	-	Shear	
Bottom insulation.....	-	yes	
Built-in cable length.....	m	2*2	
Cable shield.....	-	flexible metal pipe	
Housing material.....	-	stainless steel	
Weight (without connector and cable).....	gram	140	80

General view of NTIP35T      General view of NTIP85T



The typical electrical circuit of NTIP35T, NTIP85T

