



Underwater Vibration Transducers with Built-In
Electronics NTIP2078

Parameter	Unit	NTIP2078-10	NTIP2078-100
Axial sensitivity ($\pm 10\%$).....	mV/g ^{*1}	10	100
Relative transverse sensitivity.....	%	< 5	
Amplitude range.....	g ^{*1}	± 500	50
Max. shock limit (peak value).....	g ^{*1}	$\pm 1\ 500$	
Operating temperature range	° C	- 40...+ 125	
Frequency range (ripple ± 1 dB).....	Hz	0.5...15 000	
Self-resonant frequency in attached condition.....	kHz	> 30	
Noise level, RMS (1 Hz ... 10 kHz).....	g ^{*1}	< 0.000 5	<0.000 35
Output resistance.....	Ohm	< 500	
Voltage power.....	V	+ (18...30)	
Current power.....	mA	2...20	
Constant output voltage level.....	V	10...13	
Housing material.....	-	titanium alloy	
Built-in cable length.....	m	2 ^{*2}	
Weight (without connector and cable).....	gram	15	

General view of NTIP2078

Electrical circuit
of NTIP2078

