



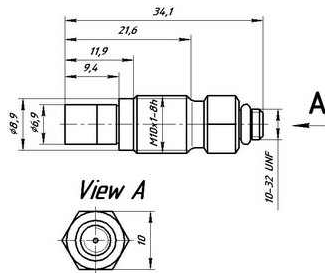
Dynamic Pressure Transducers NTIPS02,

NTIPS02-01

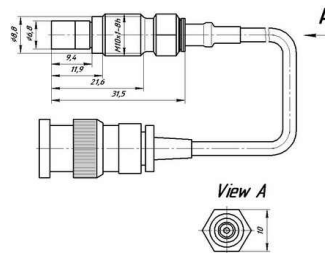


Parameter	Unit	NTIPS02	NTIPS02-01 <sup>*3</sup>
Sensitivity (± 20 %)	pC/bar	4	
Measured range	bar	1...2 500	
Resonance frequency	kHz	> 200	
Nonlinearity	-	< 2 % (from full scale)	
Acceleration sensitivity	bar/g <sup>*1</sup>	< 0.001	
Operating temperature range	° C	- 50...+ 200	
Polarity	-	positive	
Capacitance	pF	20	
Insulation resistance	Ohm	≥ 5 • 10 <sup>9</sup>	
Sensing element	-	quartz	
Housing material	-	Stainless steel	
Membrane material	-	Stainless steel	
Built-in cable length	m	-	2 <sup>*2</sup>
Connector type	-	10-32UNF (BNC) <sup>*2</sup>	
Weight (without cable)	gram	12	

General view of NTIPS02



General view of NTIPS02-01



\*1 - 1g = 9.807 m • s<sup>-2</sup> or 10 m • s<sup>-2</sup> = 1.02 g;  
 \*2 - to be determined when making out an order;  
 \*3 - leakproof (can be used at a depth upto 50 m).