

## Product-Specification

Product	T2a Piezo Tip/Tilt Platforms			
Product-Number	T2a-b00003	T2a-b00006	Unit	Tolerance
Angle/Deflection, closed loop	3/6	6/12	mrad	±10%
Angle/Deflection, open loop	4/8	8/16	mrad	±10%
Resolution, open loop	40	80	nrad	RMS
Resolution, closed loop	80	160	nrad	RMS
Linearity, closed loop	0.4	0.4	%	typ.
Repeatability, closed loop	150	300	nrad	typ.
Pivot Point, underneath ø 6 mm mounting platform	8.3		mm	±0.1
Resonance, unloaded	2.4	1,9	kHz	±20%
Resonance, w/ ø25 x 8 mm mirror	1.7	1,4	kHz	±20%
El. Capacitance @ 1V eff. 1kHz	2.2	4.4	µF	
Dimensions, diam. x length	25 x 33.5	25 x 53.5	mm	
Body-Material	stainless steel			
Operating Temperature	-20..80		°C	

**Product-Code: T2a-b.....:**

- a = O for the open-loop version
- a = S for the version with position-sensor
- b = P for pigtails (wires without socket)
- b = L for Lemosa-socket (option for the open-loop version)
- b = D for DSub-socket, 15 pins (option for the version with sensor)

**Options:**

- Vacuum-Compatibility
- Suitable driver, open-loop, EBO-050100
- Suitable controller, closed-loop, EBD-060100

