

Product-Specifications

Product	L2_-D10_00 Piezo XY Stages				
Product-Number	L2C-D10100	L2_-D10300	L2_-D10600	Unit	Tolerance
Position-Sensors	L2C capacitive (cap), L2S strain sensors (SGS)				
Ranges XY, closed loop	100x100	300x300	600x600	µm	1%
Resolution, LPC	0.5	1.5	3	nm	RMS, typ.
Resolution, LPS	-	3	6		
Linearity, LPC	0.02	0.02		%	typ.
Linearity, LPS	-	0.2			
Repeatability, LPC	5	15	30	nm	±, typ.
Repeatability, LPS	-	30	60		
Resonance, unloaded	1100	210	175	Hz	±20%
El. Capacitance @ 1Veff 1kHz	13.2			µF	±10%
Dimensions (LxWxH)	150x150x30			mm	
Aperture, Dimensions (LxW)	66x66			mm	
Body/Platform-Material	Aluminum, black				
Operating Temperature	-20..+80				°C
Connector	DSub25				
Cable length	1.5			mm	

Options:

- Vacuum compatibility, and/or non-magnetic
- Suitable controller for LPC, EBC-120320
- Suitable controllers for LPS, EBD-060220 or EBD-120320

