

Product-Specifications

Product	L2RC-D10_00 Piezo XY Stages					
Product-Number	L2RC-D10100	L2RC-D10300	L2RC-D10600	Unit	Tolerance	
Position-Sensors	Capacitive (Cap)					
Ranges XY, closed loop	100x100	300x300	600x600	µm	1%	
Resolution, closed loop	0.5	1.5	3	nm	RMS, typ.	
Linearity, closed loop	0.02			%	typ.	
Repeatability	5	15	30	nm	±, typ.	
Additional Range, Rotation	50	100	200	µrad	1%	
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, closed-loop, EBC-120330

