

Product-Specifications

Product	XY-Stage, 100 μm, High Dynamics		
Product-Number	L2C-D10100	Unit	Tolerance
Position-Sensors	Capacitive (Cap)		
Ranges XY, closed loop	100x100	μm	1%
Resolution, closed loop	0.5	nm	RMS, typ.
Linearity, closed loop	0.02	%	typ.
Repeatability	5	nm	±, typ.
Resonance, unloaded	1100	Hz	±20%
Resonance, w/ 2.5 kg payload	500	Hz	±20%
Load	3	Kg	max.
Push/Pull, in Z	50/20	N	max.
El. Capacitance @ 1Veff 1kHz	13.2	μF	±10%
Body/Platform-Material	Aluminum, black		
Weight	1	kg	ca.
Operating Temperature	-20..+80	°C	
Connector	DSub25		
Cable length	1.5	mm	

Options:

Vacuum compatibility, and/or non-magnetic
 Suitable controller, closed-loop, EBC-120320

