

Product-Specifications

Product	XY-Stages, Long Ranges, Aperture			
Product-Number	L2_-D10300	L2_-D10600	Unit	Tolerance
Position-Sensors	L2C capacitive (cap), L2S strain sensors (SGS)			
Ranges XY, closed loop	300x300	600x600	μm	1%
Resolution, LPC	1.5	3	nm	RMS, typ.
Resolution, LPS	4	9		
Linearity, LPC	0.02		%	typ.
Linearity, LPS	0.2			
Repeatability, LPC	15	30	nm	±, typ.
Repeatability, LPS	30	60		
Resonance, unloaded	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

