

LCA25 Series

Linear Actuator

30G acceleration

High cycle yet controlled low force

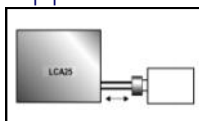
100million Cycle Long Life



LCA25 series

- 25mmx55mmx70mm
- Stroke: 10mm
- Peak Force: 8 N @ 24VDC, 12N @ 48VDC
- Encoder resolution: 20 μ m, 5 μ m, 1 μ m, 0.1 μ m
- Fully programmable in force, position and velocity
- Ideal for high cycle applications.

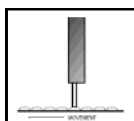
Applications



Scanning (High cycle)



Switch Test



Height Gauging



Thickness Measurement



Small parts assembly

Sold & Serviced By:

ELECTROMATE

Toll Free Phone (877) SERV098

Toll Free Fax (877) SERV099

www.electromate.com

sales@electromate.com

SMAG

Moving Coil Actuators

LCA25 series Linear Actuator

PART NUMBERING

MODEL	SERIES	STROKE			VOLT		ENCODER	SHAFT	VACUUM	SPRING	MOD					
LCA	25	0	1	0					V		M	O	D			

5 = DC24V SINGLE COIL	1 = 1.0µm	B = BLANK	5A=0g payload, vertical, full return
7 = DC48V SINGLE COIL	5 = 5.0µm	F = FEMALE	5B=50g payload, vertical, full return
	2 = 0.1µm	M = MALE	5C=100g payload, vertical, full return
	7 = 20µm	C =CUSTOM	5D=0g payload, vertical, counter balance
			5E=50g payload, vertical, counter balance
			SF=100g payload, vertical, counter balance

SPECIFICATION

DIMENSION:	25mm x 55mm x 70mm
LINEAR STROKE:	10mm (+1/-0 mm)
PEAK FORCE:	8N @ 24VDC, 12N @ 48VDC
FORCE CONSTANT:	6N/A @ 24VDC, 8N/A @ 48VDC
CONTINUOUS FORCE:	3N
ENCODER RESOLUTION:	20µm, 5µm, 1µm and 0.1µm
ENCODER REPEATABILITY:	+/- 4 encoder count
MOVING MASS:	0.04Kg
TOTAL MASS:	0.27Kg
OPERATING TEMPERATURE:	0 - 65°C

DIMENSIONS

