

LCS30 Series

Linear Slide Actuator

Where size, noise, power consumption restrictions exist, this Compact, Electric Linear Slide Actuator, offers quiet sub-micron positional accuracy, where small forces and a 'light touch' are needed to move and protect delicate parts.

Flexibility of horizontal/vertical mounting, the LCS30 delivers cycle rates > 2x that of pneumatic or mechanical devices, >10x operating life and < 5x operating cost compared to air.

Superior performance and operational costs compared to pneumatic slides/cylinders, the LCS30 is an ideal solution for new machine designs, upgrades and technology insertion projects.

LCS30 Series

Dimensions [mm]	30 x 50 x 30
Stroke [mm]	10 +1/-0
Acceleration [G]	20
Peak Force [N]	6 @1.5A (48VDC)
Encoder Resolution [μ m]	5 (standard) 1 & 0.1 (Options)
SMAC's Patented	'Soft-Land' Technology



SMAC

Moving Coil Actuators

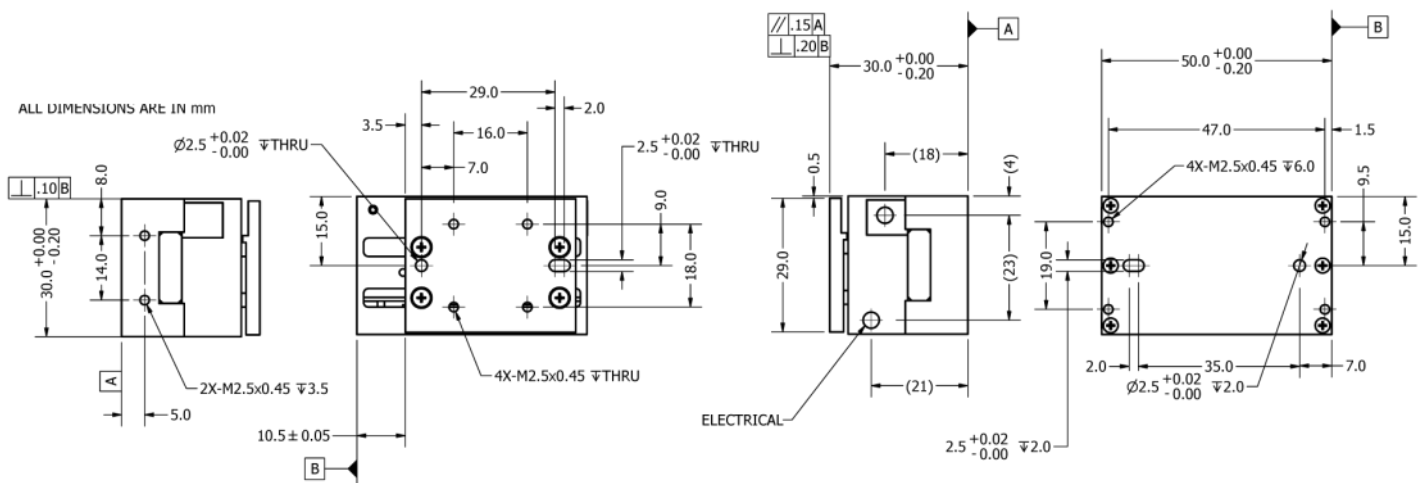
PART NUMBERING

MODEL	SERIES	STROKE	VOLT	ENCODER	CABLE						
LCS	30	- 0 1 0	-		- 3	-	M	O	D		
		5 = 24 vdc SINGLE COIL		5 = 5.0µm	3 = Flying Lead						
		7 = 48 vdc SINGLE COIL		1 = 1.0µm							
				2 = 0.1µm							

SPECIFICATION

Dimension [mm]:	30 x 50 x 30	Linear stroke [mm]:	10 (+1/-0mm)
Acceleration [G]	20G	Position accuracy:	+/- 2 encoder counts
Encoder resolution [µm]:	5.0 standard (1.0 & 0.1 options)	Peak force [N]:	4 @ 1.5A (24VDC), 6 @ 1.5A (48VDC)
Force constant [N/A]:	2 @ 1.5A (24VDC), 4 @ 1.5 A (48VDC)	Moving mass [Kg]:	0.035 Kg
Total mass [Kg]:	0.17 Kg	Operation voltage [VDC]:	24/48
Operating temperature [°C]:	0-50		

DIMENSIONS (LCS30-010 series)



Regional Distributor



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Specifications subject to change without notice.