

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

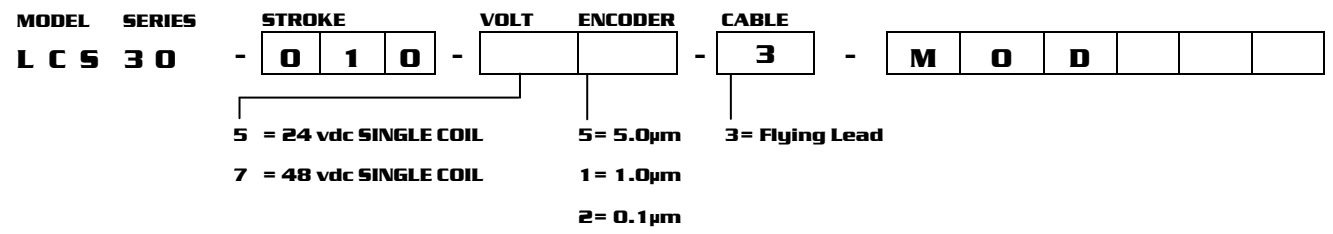
SMAC's Patented		'Soft-Land' Technology
Encoder Resolution [μm]		5 (standard) 1 & 0.1 (Options)
Dimensions [mm]		30 x 50 x 30
Stroke [mm]		10 +1/-0
Acceleration [G]		20
Peak Force [N]		6 @ 1.5A (48VDC)



SMAC

Moving Coil Actuators

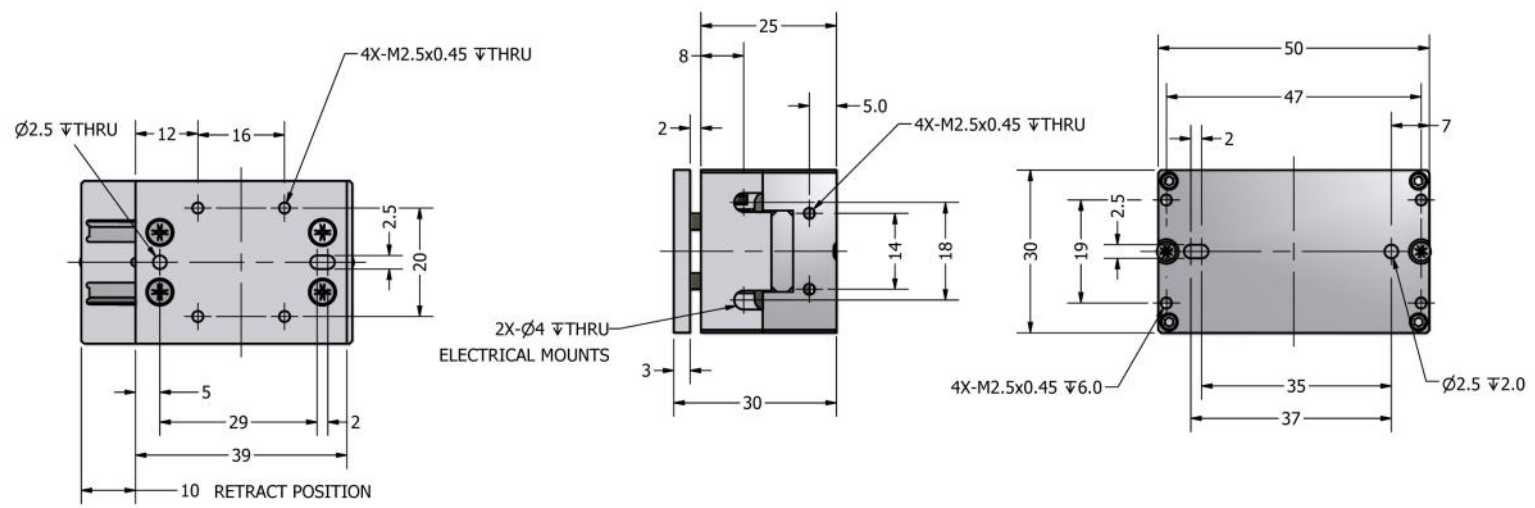
PART NUMBERING



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]:	4N @ 1.5A (24VDC), 6N @ 1.5A (48VDC)
Force constant [N/A]:	2N/A @ 1.5A (24VDC), 4N/A @ 1.5 A (48VDC)
Moving mass [Kg]:	0.035 Kg
Total mass [Kg]:	0.17 Kg
Operation voltage [VDC]:	24/48VDC
Operating temperature [°C]:	0-50

DIMENSIONS (LCS30-010 series)



Regional Distributor



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