MY16HLI Series Digital Linear Actuator (Internal Nut)

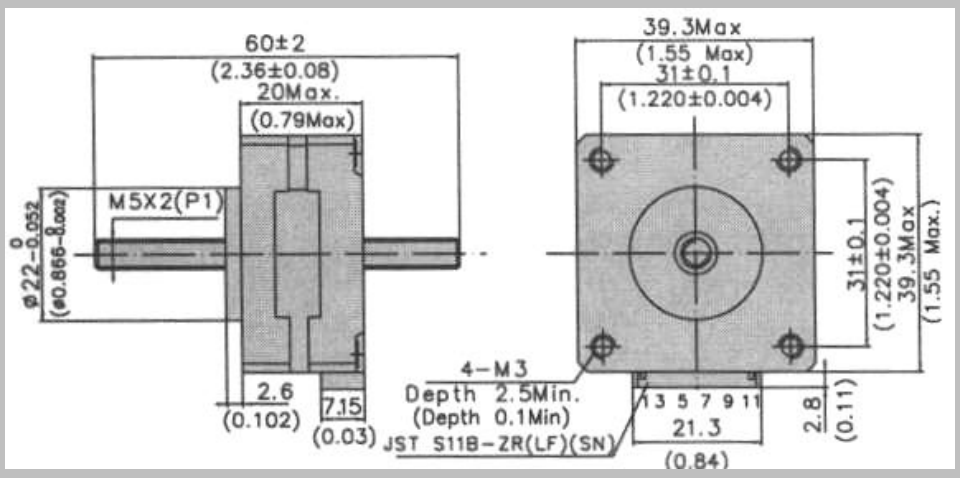
Digital linear actuators convert rotary motion to linear motion by means of a threaded lead screw shaft and a nut. In the MY16HLI series actuators, the linear motion is generated when the lead screw rotor rotates and advances or retracts relative to the trapped internal nut in the motor body. Changing the direction of rotation combination moves the shafts backwards or forwards, and motor speed determines the linear travel speed of the shaft. The travel length and speed can be digitally controlled by the input of data pulses from the driver.

Typical applications include telecommunication tuners and valve actuation.

General Specifications

Step Accuracy:	Maximum angular deviation is ±5% of one step
Shaft Material:	SUS 303
Insulation Resistance:	Minimum 100MΩ at 500V dc
Insulation Class:	B
Temperature Rise:	Maximum 80°C

Model	No. of Leads	Step Distance	Phase Current	Phase Resistance	Phase Inductance	Rotor Inertia	Mass
		mm	A	Ω	mH	$g.cm^2$	g
MY16HLI7-X	4	0.010	0.48	25	26	11	100



Dimensions (mm)

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