

LDL Series

Linear Actuator with Built-in Controller

UK & Ireland Distributor



Cost-competitive electric actuator with an integrated controller.

Many users of pneumatic cylinders in industrial automation are looking for electric actuator alternatives for a number of reasons: **Control, Operating Cost, Life and Performance.**

LDL series is offered with an integrated controller. This makes the LDL an economical, space saving solution. The LDL is fully programmable in force, acceleration, position and velocity. It allows you to change product profiles on the fly.

- Printed Coil technology with integrated SMAC encoder reader head.
- Laser cut parts resulting in housing and end-cap process times in the 5 to 30 second range.
- 1 piece multi -pole neodymium magnets.
- Precision linear guide life tested to 500 million life cycles.
- Automatic assembly done using SMAC's own products.



LDL Series

Stroke [mm]	10, 25, 50, 75 and 100
Peak Force [N]	15 - 100 (48VDC)
Encoder Resolution [μ m]	5 standard, 1 optional

SMAC Advantages

- Cost competitive
- Fully programmable in force, position and velocity, on the fly change capability.
- SMAC's Patented '**Soft-Land**' capability enables the unit to gently land on a delicate component, then apply a controlled force to avoid damage of both the component and the actuator.
- Built-in controller available with various communication protocols.
- Higher cycle rates.
- Longer cycle life.
- The ability to perform tasks and verify its quality at the same time.

SMAC

Moving Coil Actuators