# Electric Actuator/Guide Rod Slider

## Belt Drive  `Step Motor (Servo/24 VDC)`

$\large C\,\large\epsilon$  (RoHS)

# *Series LEL*
## LEL25

## How to Order

**LEL 25 M T – 100 ☐ – ☐ 1 6N 1 ☐ – ☐**

❶ ❷ ❸ ❹ ❺ ❻ ❼ ❽ ❾ ❿ ⓫

### ❶ Size
| 25 | |
|---|---|

### ❷ Bearing type
| M | Sliding bearing |
|---|---|
| L | Ball bushing bearing |

### ❸ Equivalent lead
| T | 48 mm |
|---|---|

### ❹ Stroke
| 100 | 100 mm |
|---|---|
| to | to |
| 1000 | 1000 mm |

∗ Refer to the applicable stroke table.

### ❺ Motor option
| Nil | Without option |
|---|---|
| B | With lock |
| C | With motor cover∗ |

∗ When [With lock] is selected, [With motor cover] cannot be selected.

### ❻ Actuator cable type∗
| Nil | Without cable |
|---|---|
| S | Standard cable |
| R | Robotic cable (Flexible cable) |

∗ The standard cable should be used on fixed parts. For using on moving parts, select the robotic cable.

### ❼ Actuator cable length [m]
| Nil | Without cable | 8 | 8∗ |
|---|---|---|---|
| 1 | 1.5 | A | 10∗ |
| 3 | 3 | B | 15∗ |
| 5 | 5 | C | 20∗ |

∗ Produced upon receipt of order (Robotic cable only) Refer to the specifications Note 2) on page 5.

### ❽ Controller type∗
| Nil | Without controller | |
|---|---|---|
| 6N | LECP6 | NPN |
| 6P | (Step data input type) | PNP |
| 1N | LECP1 | NPN |
| 1P | (Programless type) | PNP |

∗ For details about controllers and compatible motors, refer to the compatible controllers below.

### ❾ I/O cable length [m]
| Nil | Without cable |
|---|---|
| 1 | 1.5∗ |
| 3 | 3∗ |
| 5 | 5∗ |

∗ When "Without controller" is selected for controller types, I/O cable length cannot be selected.

### ❿ Controller mounting
| Nil | Screw mounting |
|---|---|
| D | DIN rail mounting∗1 |

∗ 1 Only available for the controller types "6N" and "6P"
∗ 2 DIN rail is not included. Order it separately.

### ⓫ Made to Order
| Nil | Standard product |
|---|---|
| X5 | With magnet/switch rail |

### Applicable Stroke Table
●Standard/○ Produced upon receipt of order

| Stroke<br>Model | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 |
|---|---|---|---|---|---|---|---|---|---|---|
| LEL25 | ○ | ○ | ● | ● | ● | ● | ○ | ○ | ○ | ○ |

### The actuator and controller are sold as a package.

(Controller → Page 13)

Confirm that the combination of the controller and the actuator is correct.

**<Check the following before use.>**

① Check the actuator label for model number. This matches the controller.
② Check Parallel I/O configuration matches (NPN or PNP).

**LEL25MT-100**  **NPN**
① ②

∗ Refer to the operation manual for using the products.
Please download it via our website, http://www.smcworld.com

### Compatible Controllers

| Type | Step data<br>input type | Programless type |
|---|---|---|
| **Series** | LECP6 | LECP1 |
| **Features** | Value input<br>Standard controller | Capable of setting up operation without using a PC or teaching box |
| **Compatible motor** | Step motor<br>(Servo/24 VDC) | |
| **Max. number of step data** | 64 points | 14 points |
| **Power supply voltage** | 24 VDC | |
| **Reference page** | Page 13 | Page 24 |

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Right margin tabs:
Model Selection | Step Motor (Servo/24 VDC) | **LEL** | LECP6 | LECP1 | Specific Product Precautions

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