

# Electric Rotary Table

Step Motor (Servo/24 VDC)

## Series LER

### LER10, 30, 50



### How to Order

LER    10 K -       - S 1 6N 1   

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#### 1 Table accuracy

Nil	Basic type
H	High precision type

#### 2 Size

10
30
50

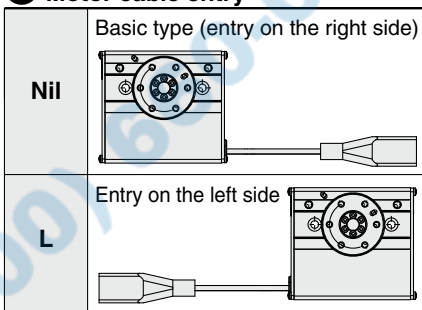
#### 3 Max. rotating torque [N·m]

Symbol	Type	LER10	LER30	LER50
K	High torque	0.3	1.2	10
J	Basic	0.2	0.8	6.6

#### 4 Rotation angle [°]

Symbol	LER10	LER30	LER50
Nil	310	320	
2	External stopper: 180		
3	External stopper: 90		

#### 5 Motor cable entry



#### 6 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.

#### 7 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 3) on page 6.

#### 8 Controller/Driver type\*1

Nil	Without controller/driver	
6N	LECP6 (Step data input type)	NPN
6P		PNP
1N	LECP1 (Programless type)	NPN
1P		PNP
AN	LECPA (Pulse input type)	NPN
AP		PNP

\*1 For details about controllers/driver and compatible motors, refer to the compatible controllers/driver below.

#### 9 I/O cable length [m]\*1

Nil	Without cable
1	1.5
3	3*2
5	5*2

\*1 When "Without controller/driver" is selected for controller/driver types, I/O cable cannot be selected. Refer to page 21 (For LECP6), page 33 (For LECP1) or page 40 (For LECPA) if I/O cable is required.

\*2 When "Pulse input type" is selected for controller/driver types, pulse input usable only with differential. Only 1.5 m cables usable with open collector.

#### 10 Controller/Driver mounting

Nil	Screw mounting
D	DIN rail mounting*

\* DIN rail is not included. Order it separately. (Refer to page 16.)

#### ⚠ Caution

##### [CE-compliant products]

EMC compliance was tested by combining the electric actuator LER series and the controller LEC series. The EMC depends on the configuration of the customer's control panel and the relationship with other electrical equipment and wiring. Therefore conformity to the EMC directive cannot be certified for SMC components incorporated into the customer's equipment under actual operating conditions. As a result it is necessary for the customer to verify conformity to the EMC directive for the machinery and equipment as a whole.

##### [UL-compliant products]

When conformity to UL is required, the electric actuator and controller/driver should be used with a UL1310 Class 2 power supply.

### Compatible Controllers/Driver

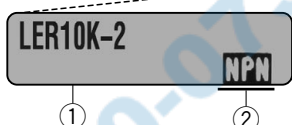
	Step data input type	Programless type	Pulse input type
Type			
Series	LECP6	LECP1	LECPA
Features	Value (Step data) input Standard controller	Capable of setting up operation (step data) without using a PC or teaching box	Operation by pulse signals
Compatible motor	Step motor (Servo/24 VDC)	Step motor (Servo/24 VDC)	
Maximum number of step data	64 points	14 points	—
Power supply voltage	24 VDC		
Reference page	Page 15	Page 28	Page 34

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

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

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

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



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