

Please consult with SMC for non-standard strokes as they are produced as special orders.



NPI

(2)

A support guide is designed to support workpieces with significant overhang.

LEFS16A-400

(1)

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.>

① Check the actuator label for model number. This matches the controller/driver.

2 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

SMC

Electric Actuator/Slider Type Ball Screw Drive 11-LEFS Series

Step Motor (Servo/24 VDC) Servo Motor (24 VDC) Clean Room Specification



Actuator cable length

Nil	Without cable		
1	1.5 m		
3	3 m		
5	5 m		
8	8 m*		
Α	10 m*		
В	15 m*		
С	20 m*		

* Produced upon receipt of order (Robotic cable only) Refer to the specifications Note 2) on pages 516 and 517.

Controller/Driver mounting

_	
Nil	Screw mounting
D DIN rail mounting*	

* DIN rail is not included. Order it separately.

Compatible Controller/Driver

8 Positioning pin hole

Nil	Housing B bottom*	Housing B bottom
к	Body bottom 2 locations	Body bottom

* Refer to the body mounting example on page 114 for the mounting method.

Controller/Driver type*1

Nil	Without controller/driver		
6N	LECP6/LECA6	NPN	
6P	(Step data input type)	PNP	
1N	LECP1*2	NPN	
1P	(Programless type)	PNP	
MJ	LECPMJ ^{*2 *3}		
	(CC-Link direct input type)	_	
AN	LECPA*2 *4	NPN	
AP	 Point (Pulse input type) 		

- *1 For details about controller/driver and compatible motor, refer to the compatible controller/driver below.
- *2 Only available for the motor type "Step motor."
- *3 Not applicable to CE.
- *4 When pulse signals are open collector, order the current limiting resistor (LEC-PA-R-□) on page 596 separately.

Actuator cable type^{*1}

Nil	Without cable		
S	Standard cable ^{*2}		
R Robotic cable (Flexible cable)			

- *1 The standard cable should be used on fixed parts. For using on moving parts, select the robotic cable.
- *2 Only available for the motor type "Step motor."
- *3 Fix the motor cable protruding from the actuator to keep it unmovable. For details about fixing method, refer to Wring/Cables in the Electric Actuators Precautions.

I/O cable length^{*1}, Communication plug

Nil	Without cable (Without communication plug connector)*3		
1	1.5 m		
3	3 m*2		
5	5 m*2		
S	Straight type communication plug connector*3		
Т	T-branch type communication plug connector*3		

- *1 When "Without controller/driver" is selected for controller/driver types, I/O cable cannot be selected. Refer to page 568 (For LECP6/LECA6), page 582 (For LECP1) or page 596 (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.
- *3 For the LECPMJ, only "Nil", "S" and "T" are selectable since I/O cable is not included.

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Туре	Step data input type	Step data input type	CC-Link direct input type	Programless type	Pulse input type
Series	LECP6	LECA6	LECPMJ	LECP1	LECPA
Features	Value (Step data) input Standard controller		CC-Link direct input	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)	Servo motor (24 VDC)	Step motor (Servo/24 VDC)		
Max. number of step data		64 points		14 points	
Power supply voltage	24 VDC				
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