

SPINDLE ACTUATORS

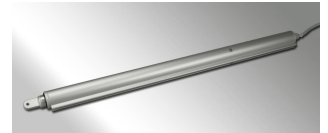
Linear actuator EA-L

This spindle actuator offers a multitude of application options.

In the range of standard actuators it is characterized by a couple of unique selling points which make application as easy as possible for you.

Its special aluminium profile tube with integrated multifunctional nut enables a flexible bracket system and a hidden cable running.

High temperature resistance and resistance under permanent load and further quality characteristics according to DIN EN 12101/2 are a matter of course.



EN version EA-L 1000/400 approved according to DIN EN 12101/2

Brackets to be ordered separately!

Technical Data:

Linear actuator Type EA-L	
Nominal voltage (min./max.):	24 VDC (- 10 % / + 25 %), ripple < 500 mV
Nominal current:	see individual item description
Stroke length:	300, 500, 750, 1.000 mm Optional stroke limit available
Force:	500, 750, 1.000 N
Cut-off:	■ Integrated load dependent cut off and contact "F" for sequence controlling ■ Electronical end position cut off ■ Optional synchronization cut off ■ Integrated tandem cut off ■ up to four actuators can be connected in parallel
Speed:	500 N approx. 8.4 mm/sec, 750 N approx. 11 mm/sec, 1000 N approx. 6 mm/sec
Dimensions:	Aluminium profile tube, anodized E6/EV1 with integrated bracket fixture Length: 336 mm + stroke + 21 mm cable and connectors
Ingress protection:	IP 54
Switch on duration:	ED 30 %
Temperature range:	- 5° up to 75° C
Connection cable:	Silicone 3 x 0.75 mm ² , light grey (5 x 0.75 mm ² by tandem respectively synchronization version) The length of the connecting cable depends on the stroke length of the actuator: up to 500 mm stroke: 2 m, starting from 750 mm stroke: 3.5 m
Weight:	Approx. 3.0 kg
Special Features:	■ Electronic torque balancing (current consumption / force progressing) for providing high quality in any operation step ■ Electronic retriggering blockade (avoids that the actuator starts running in direction of the already reached end position)
Temperature resistance:	300° C for 30 minutes (according to DIN EN 12101/2)

Nominal force 500 N/1.0 A ED 30 %
Synchroversion - Linear actuator with synchronizer

Typ	Item number
EA-L 500/300-S	M2 1701 S
Synchroversion: The integrated synchronous run control is for the equal opening of big and instable flaps and windows. It controls the synchronous function for up to four electronic spindle or slit actuators. The number of rotations will be controlled. One connection wire between the actuators cuts off the actuators in case of overload of one of them.	
EA-L 500/500-S	M2 1702 S
Synchroversion: The integrated synchronous run control is for the equal opening of big and instable flaps and windows. It controls the synchronous function for up to four electronic spindle or slit actuators. The number of rotations will be controlled. One connection wire between the actuators cuts off the actuators in case of overload of one of them.	
EA-L 500/750-S	M2 1703 S
Synchroversion: The integrated synchronous run control is for the equal opening of big and instable flaps and windows. It controls the synchronous function for up to four electronic spindle or slit actuators. The number of rotations will be controlled. One connection wire between the actuators cuts off the actuators in case of overload of one of them.	
EA-L 500/1000-S	M2 1704 S
Synchroversion: The integrated synchronous run control is for the equal opening of big and instable flaps and windows. It controls the synchronous function for up to four electronic spindle or slit actuators. The number of rotations will be controlled. One connection wire between the actuators cuts off the actuators in case of overload of one of them.	