



Electric Linear Valve Actuator With Integral Control

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Summary

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Product Introduction of the electric linear valve actuator with integral control

The "AOX-L" series electric linear valve actuator with integrated control has good quality in redesign. The shell is made of hard aluminum alloy, anodized and polyester powder coated, with strong corrosion resistance. The protection grade is IP67, NEMA 4 and 6, and IP68 can be selected. The fully enclosed squirrel cage motor has the characteristics of small volume, large torque and

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small inertia force. The insulation grade is h, and the built-in overheat protection switch can prevent damage to the motor.



Product Parameter (Specification)of the electric linear valve actuator with integral control

Running speeds:	1 mm/s; 1.5 mm/s
Anti-vibration level:	JB/T 8219
Noise level:	Less than 75 dB within 1 m
Ingress Protection:	2* NPT 3/4
Electrical interface:	IP67, Optional:IP68
Input :	AC 110/220 Input
Signal Feedback:	Integrated fault contacts,Close the valve contact,Open the valve contact
Input signal:	4 - 20 mA; 0 - 10 V; 2 - 10 V
Output signal:	4 - 20 mA; 0 - 10 V; 2 - 10 V
Loss Signal Mode Setting:	N/A
Shell:	Enclosure :IP67,NEMA4 and 6
Power:	Standard:220VAC/1ph:Optional:110VAC/1ph,

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	380V/440V/3ph,50/60Hz
Motor:	Asynchronous motor
Limit switch:	2×Open/ Close, SPDT,250VAC 10A
Anti-vibration:	X Y Z 10g,0.2~34 Hz,30 minutes

Model	Thrust	Speed	Max travel	power	Rated current(A)	Weight
	N	mm/S	mm	W	220V/50HZ/1PH	Kg
AOX-L-30	3000	1	25	30	0.31	17.5
AOX-L-50	5000	1	40	45	0.42	19
AOX-L-80	8000	1	60	60	0.62	19.5
AOX-L-100	10000	1.5	100	60	0.68	33
AOX-L-160	16000	1.5	100	90	0.85	33
AOX-L-200	20000	1.5	100	90	0.87	33
AOX-L-250	25000	1.5	100	120	1.22	33
AOX-L-300	30000	1.5	100	120	1.28	33

Optional specification of the electric linear valve actuator with integral control

No.	Option scheme	Remark
1	Potentiometer unit (1K-10K)	AOX-L series
2	Proportion control unit (control signal 4-20mA DC/1-5V/1-10V)	AOX-L series
3	Local control units (local control open/stop/close optional switch, local/remote switch)	AOX-L series
4	Water-proof actuator (IP68,10M,250HR)	AOX-L series
5	Reverse electromagnetic control and transmission integrated motor starter	AOX-L series
6	Electric current position sensor (output 4-20mA DC)	AOX-L series
7	High temperature resistance actuator (-10℃~+100℃)	AOX-L series
8	Low temperature resistance actuator (-40℃~+70℃)	AOX-L series
9	Low speed actuator	AOX-L series

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10	Bus Control Unit	AOX-L series
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Production details of the electric linear valve actuator with integral control

The housing of the "AOX-L" series is made of hard aluminium alloy, anodised and polyester powder coated to achieve IP67 protection, with the option of upgrading to IP68 protection.

