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## Electric Motor Operated Linear

### Valve Actuator With Modbus

Electric motor operated linear valve actuator with Modbus is suitable for modulating and open-close duty of control and process technology to operate control valves. AOX is a supplier to many large enterprises. AOX has 23 years of accumulation in the field of fluid control industry. According to the different inquiry of the market, we have developed a series of Electric motor operated linear valve actuator with Modbus. And our good reputation is gained by the reliability and stability performance in the field of valve fluid control.

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## Electric motor operated linear valve actuator with Modbus

### Introduction

Electric motor operated linear valve actuator with Modbus is specially designed for linear operating valves such as globe valve and similar usages. AOX has its own factory. AOX supply the best quality electric motor operated linear valve actuator with Modbus with high technology and high performance. We are committed to providing good service and support to all of our clients around the world.

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## Electric motor operated linear valve actuator with Modbus Parameter (Specification)

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Model	Thrust	Speed	Max travel	power	Rated current(A)	Weight
	N	mm/S	mm	W	220V/50HZ/1PH	Kg
AOX-L-30	3000	1.5	25	30	0.31	17.5
AOX-L-50	5000	1.5	40	45	0.42	19
AOX-L-80	8000	1.5	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

## Electric motor operated linear valve actuator with Modbus

### Feature And Application

Force range:3000 - 30000 N

Running speeds: 1.5 mm/s

Motor Specifications:Class F, with thermal protector up to +135 °C (+275 °F)

Working System

On-off Type: S2 - 15 min, no more than 600 times per hour start

Modulating Type: S4 - 50 %, up to 600 triggers per hour

Modulating type signal:

Input signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V

Output signal: 4 - 20 mA; 0 - 10 V; 2 - 10 V

High corrosion resistance

Self-locking with minimum backlash

Strong design structure, O ring system for water proof

Handwheel operated manually

Forced Switch/Limit Switch

Self-diagnosis fault alarm

Modular design

Mechanical interlock protection

Contact mode selection

Conditional control protection

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## Electric motor operated linear valve actuator with Modbus

### Details

#### 1. Motor of electric motor operated linear valve actuator with Modbus

Fully enclosed squirrel-cage motor, small size, large torque, small inertia force, insulation class F, built-in thermal protection switch to prevent damage to the motor, the power supply voltage and operating formats optional.

#### 2. Manual operation

With hand, automatic clutch function. The valve can be operated manually in case of power failure. Automatic discharge hand wheel meshing capabilities to ensure the safety of personnel at the moment of motor rates.

#### 3. Valve connection

Through different bracket connection, electric motor operated linear valve actuator with Modbus can be suitable for different valves. Using stainless steel scale ruler and stainless steel slider.