



Electric Motor Operated Multi Turn Valve Actuator With Modbus Control



Summary

"AOX-M" series electric motor operated multi turn valve actuator with Modbus control supports modbus RTU protocol. Compared with other bus protocol technologies, Modbus is a relatively simple but powerful field bus protocol. It can provide all the services required by factory automation, such as simple binary information, analog information, equipment parameter information or diagnostic data exchange.

Product Introduction of the electric motor operated multi turn valve actuator with Modbus control

"AOX-M" series electric motor operated multi turn valve actuator with Modbus control: the torque switch is used for the torque stop of the terminal. Similarly, in the limit stop mode, the torque switch is used for the overload protection of the whole stroke. If over torque is generated when the valve is in the middle position, for example, due to stuck impurities, the torque switch will trip the actuator after reaching the set torque value to protect against over torque.

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: [+86-577-59890750](tel:+86-577-59890750)

Phone: [+86-18967766527](tel:+86-18967766527)

Fax: [+86-0577-65921296](tel:+86-0577-65921296)

E-mail: zjaxox@zjaxox.com



Product Parameter (Specification)of the electric motor operated multi turn valve actuator with Modbus control

Torque Range:	40 - 1000 Nm Direct Output
Speed:	34 35 45 67 70 90 (rpm)
Ambient Temperature:	-30°C --+70°C Optional: -40°C- 60°C
Noise Level:	Less than 75 dB within 1 m
Corrosion level:	Epoxy powder coating NEMA 4X corrosion protection is optional.
Explosion-proof level:	Exd IIC T5 design

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: [+86-577-59890750](tel:+86-577-59890750)

Phone: [+86-18967766527](tel:+86-18967766527)

Fax: [+86-0577-65921296](tel:+86-0577-65921296)

E-mail: zjaox@zjaox.com



Motor specification:	Class F, with thermal protector up to 135°C						
Electrical interface:	2* NPT 3/4 , 1* NPT1 1/2						
Ingress Protection:	IP67 , Optional:IP68						
Connection size:	ISO5210(Thrust torque type)and JB2920(Three claw type)						
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						
Time Lag:	N/A						
Other Function:	Torque protection;Motor overheat protection;Moisture-resistant heaters (anti-moisture device)						
Shell:	Enclosure:IP67 (IP68 optional) ,NEMA4 and 6						
Manual operation:	Declutching mechanism,with handwheel operation						
Self-locking device:	Self-locking by worm and worm gear						
Conduit entry:	Double seal 3× (PT3/4"、PT1"、PT1-1/2"optional)						
Ambient temperature:	-25°C~+70°C (-30°C、-40°C、-60°C optional)						
Lubrication:	Special oil for 00 actuators						
Material:	Ductile iron, high-strength aluminum alloys, steel, aluminum bronze, polycarbonate						
Model	Output torque	Speed	Max shaft diameter	Power	Rated current (A) 50HZ	Flange	Weight
	N·m	RPM	mm	W	three phases 380V		
AOX-M-007	70	45	Φ28	400	2.42	F10	32
	70	90		400	2.95		
AOX-M-010	120	35	Φ28	600	2.25	F10	38
	120	70		600	3.18		
	120	105		800	5.15		
AOX-M-020	300	34	Φ40	1100	4.50	F14	68
	300	67		1100	6.85		
AOX-M-050	450	34	Φ40	1100	9.58	F14	70
	450	67		1500	14.80		
AOX-M-060	600	34	Φ55	3000	10.89	F16	103
	600	67		4000	16.50		
AOX-M-080	800	34	Φ55	3000	12.43	F16	103
	800	67		4000	23.50		
AOX-M-100	1000	34	Φ55	4000	30.20	F16	103

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel:+86-577-59890750

Phone:+86-18967766527

Fax:+86-0577-65921296

E-mail:zjaox@zjaox.com



Application field the electric motor operated multi turn valve actuator with Modbus control



Oil & Gas



Water treatment



Chemical industry



Paper making



Metallurgy



Electric industry

Production details of the electric motor operated multi turn valve actuator with Modbus control

Infra-red setting: the actuator can be fully set and diagnosed through a sealed indicator window, without having to open the electrical box cover on site to expose the internal control circuitry.

Zhejiang Aoxiang Auto-Control Technology CO.,Ltd

Tel: [+86-577-59890750](tel:+86-577-59890750)

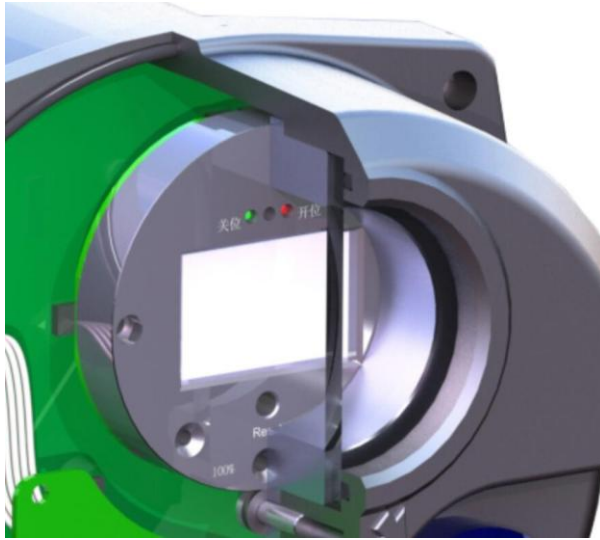
Phone: [+86-18967766527](tel:+86-18967766527)

Fax: [+86-0577-65921296](tel:+86-0577-65921296)

E-mail: zjaox@zjaox.com



www.aox-privod.com



Zhejiang Aoxiang Auto-Control Technology CO.,Ltd
Tel: [+86-577-59890750](tel:+86-577-59890750)
Phone: [+86-18967766527](tel:+86-18967766527)

Fax: [+86-0577-65921296](tel:+86-0577-65921296)
E-mail: zjax@zjax.com