



Intelligent Automation Electric Multi Turn Valve Actuator

Summary

"AOX-M" series intelligent automation electronic multi turn valve actuator is suitable for petroleum, chemical, water treatment and other industries. It is developed and manufactured by AOX with 20 years of experience. The shell is made of nodular cast iron, which is protected by the metal surface layer. Before the finishing coat of the actuator is sprayed, it must be protected by the intermediate coating to improve the corrosion resistance.

Product Introduction of the intelligent automation electric multi turn valve actuator

The "AOX-M" series intelligent automation electric multi turn valve actuator adopts a dryer to control the temperature, prevent moisture condensation in the actuator due to temperature and weather changes, and keep the internal electrical components dry. It also has a torque switch, which can provide overload protection, and automatically disconnect the motor power when the valve is jammed with foreign matters, so as to more effectively protect the valve and electric actuator from damage.



Product Parameter (Specification)of the intelligent automation electric multi turn valve actuator

Model	Output torque	Speed	Max shaft diameter	Power	Rated current (A)	Flange	Weight
					50HZ three phases		
	N·m	RPM	mm	W	380V	ISO52 10	Kg
AOX-M-007	70	45	Φ28	400	2.42	F10	32
	70	90		400	2.95		

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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
Torque Range:		40 - 1000 Nm Direct Output					
Ambient Temperature:		-30°C --+70°C Optional; -40°C- 60°C					
Anti-vibration Level:		JB/T8219					
Noise Level:		Less than 75 dB within 1 m					
Corrosion level:		Epoxy powder coating NEMA 4X corrosion protection is optional.					
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					
Dead Zone:		≤2%					
Time Lag:		N/A					
Other Function:		Torque protection; Motor overheat protection' Moisture-resistant heaters (anti-moisture device)					

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Shell:	Enclosure:IP67 (IP68 optional) ,NEMA4 and 6
Conduit entry:	Double seal 3× (PT3/4"、PT1"、PT1-1/2"optional)
Anti-vibration:	X Y Z 10g,0.2~34 Hz,30 minutes
External coating:	Dry powder, epoxy polyester,high anti-corrosion

FAQ of the intelligent automation electric multi turn valve actuator

We are always ready for providing the sample and producing some small orders, in order to meet the business well. We are always ready to hear from you.

Q:Do you have stock for AOX-M series non-intrusive setting multi turn electric actuator?

A :Most of products are under regular production we can make delivery immediately if we the specific one in stock.

Q: If I'm interested in your AOX-M series manual override multi turn electric actuator when I can receive your quotation and detail information after send the inquiry?

A:All your inquiry will be replied in 24hours.

Production details of the intelligent automation electric multi turn valve actuator

Manual operation for AOX-M series explosion proof multi turn electric actuator

- In the commissioning or in an emergency the actuator can be operated by handwheel.
- By operating the red button to disconnected the actuator and motor and start manual operation.Because the self-locking worm gear between the motor and the operating shaft are separated, it's very easy to turn to manual operation even if the actuator is running at maximum torque.
- After starting the motor, automatically breaks away from manual operation, when the motor is operating the hand wheel does not work.

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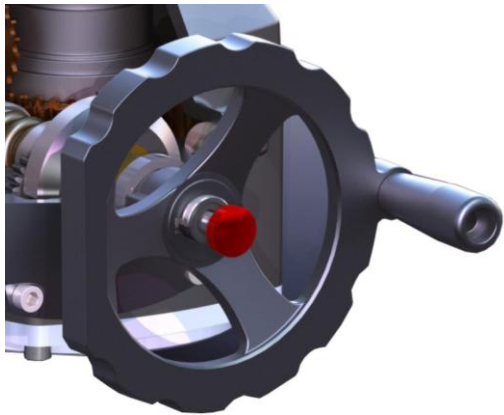
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