



Smart Electric Multi Turn Valve Actuator

Summary

AOX is an electric actuator supplier from China, focusing on the electric actuator industry for more than 20 years, and has developed "AOX-M" series smart electric multi turn valve actuator. This type of actuator has been certified by DET Norske Veritas DNV, CE, CCC, sil3, Exd II CT5, etc., and meets many use scenarios.

Product Introduction of the smart electric multi turn valve actuator

"AOX-M" series smart electric multi turn valve actuator hand wheel is designed to ensure safety, reliability, labor saving and small size. In case of power failure, disconnect the motor from the actuator by operating the red button in the middle of the hand wheel, and start the manual operation. Because of the self-locking turbine separation between the motor and the operating shaft, it is easy to switch to manual operation even when the actuator is at the maximum torque value. After starting the motor, it will automatically disengage from manual operation, and the hand wheel will not work when the motor is operated. (Note: in case of no power supply, the electric actuator will remain in permanent manual state)



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

Model	Output torque	Speed	Max shaft diameter	Power	Rated current (A)	Flange	Weight
					50HZ		
	N·m	RPM	mm	W	three phases	ISO5210	Kg
AOX-M-00	70	45	Φ28	400	380V	F10	32

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7	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
Torque Range:		40 - 1000 Nm Direct Output					
Ambient Temperature:		-30°C --+70°C Optional; -40°C- 60°C					
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					
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					
Shell:		Enclosure:IP67 (IP68 optional) ,NEMA4 and 6					
Limit switch:		1×Open/ Close, SPDT,250V AC 10A (on/off model)					
Auxiliary limit switch:		1×Open/ Close, SPDT,250V AC 10A (on/off model)					
External coating:		Dry powder, epoxy polyester,high anti-corrosion					
Overload protection:		Torque peak overload protection					
Display screen:		LED display (smart regulation type)					

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Setting mode:	Non-intrusive setting (without opening the cover set type)
Electrically:	Integrated control unit with a non-invasive rotary switch

Transportation of the smart electric multi turn valve actuator

Package : Plywood case or carton packaging

Shipping: 15 days after payment



Production details of the smart electric multi turn valve actuator

Integrated Local control for AOX-M series explosion proof multi turn electric actuator.
Local control switches and locking type selector switch local/stop/remote are magnetic switches, controlled by magnetic reed, thus assure the damp proof sealing inside of the actuator.

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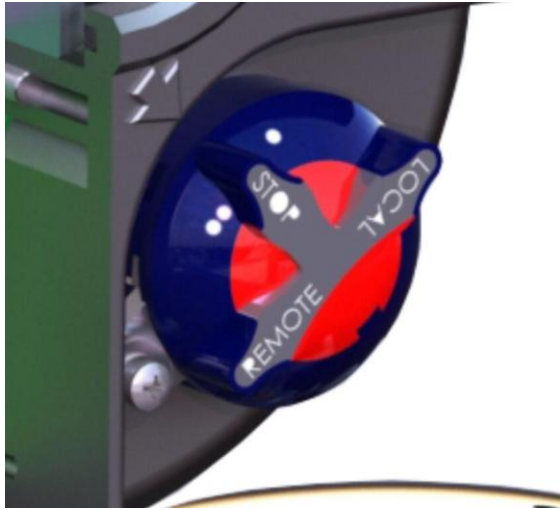
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