



Electric Multi Turn Actuator With LCD Display



Summary

The "AOX-M" series of electric multi turn actuators with LCD display is an intelligent product with LCD display developed by AOX with a special focus on the development of a user-friendly interface, which is clearly structured and intuitive for intelligent ICU and makes it easier to store and access actuator data. The LCD display is designed to be user-friendly and is available in plain text, in Chinese/English, with a special focus on the Russian system.

Product Introduction of the electric multi turn actuator with LCD display

"AOX-M" series electric multi turn actuators with LCD display has limit stop and torque stop functions. Limit stop refers to that when the set terminal position is reached, the limit switch will trip and feed back at the on and off terminals. Refer to the commissioning instructions for specific settings. Torque shutdown refers to the actuator running in the closing direction after being opened from the fully open position. In the fully closed position, the torque value increases in the valve seat until it reaches the set torque value, and then the machine trips and the actuator stops automatically.

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



Product Parameter (Specification)of the electric multi turn actuator with LCD display

Torque Range:	40 - 1000 Nm Direct Output
Speed:	34 35 45 67 70 90 (rpm)
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
Shell:	Enclosure:IP67 (IP68 optional) ,NEMA4 and 6
Power:	Standard: 380V AC/3ph

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	Optional: 110/220V AC/1ph,440V AC/3ph, 50/60Hz, ±10%						
Motor:	Asynchronous motor						
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)						
Torque switch:	1×Open/ Close, SPDT,250V AC 10A						
Operating temperature:	Internal-placed thermal protection, Open 120℃ ±5℃ /Close 97℃ ±5℃						
Self-locking device:	Self-locking by worm and worm gear						
Space heater:	30W (110/220V AC) Condensation preventing (according to conditions, can be adjusted)						
Conduit entry:	Double seal 3× (PT3/4"、PT1"、PT1-1/2"optional)						
External coating:	Dry powder, epoxy polyester,high anti-corrosion						
Overload protection:	Torque peak overload protection						
Setting mode:	Non-intrusive setting (without opening the cover set type)						
Electrically:	Integrated control unit with a non-invasive rotary switch						
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

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Our patents the electric multi turn actuator with LCD display



Production details of the electric multi turn actuator with LCD display

Wide output torque range: the direct torque output range is 40nm to 1000nm. When combined with the worm gear box, the maximum torque output can be adjusted to 50000 NM.

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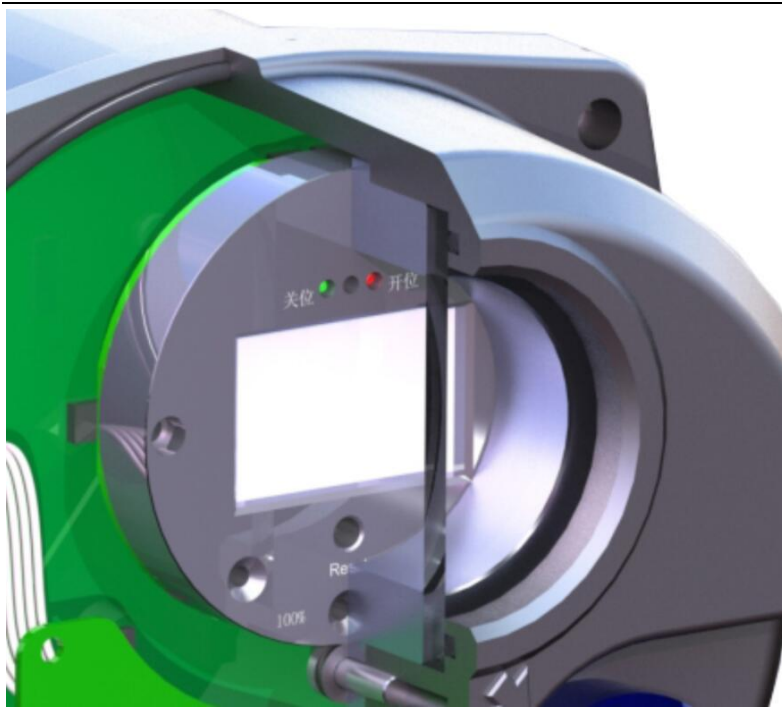
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www.aox-privod.com



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