



Electric Motor Multi Turn Actuator With Remote Position Controller



Summary

"AOX-M" It is a product developed by AOX itself and belongs to electric motor multi turn actuator with remote position controller. It has obtained EU CE certification, ISO9001 quality system certification, ISO14001 environmental system certification and OHSAS18001 occupational health and safety management system certification. AOX has been focusing on electric actuators for more than 20 years and has accumulated rich experience in product R & D, manufacturing and field application. It provides customers with Help me actively!

Product Introduction of the electric motor multi turn actuator with remote position controller

The control circuit of "AOX-M" series electric motor multi turn actuator with remote position controller conforms to the single-phase or three-phase power supply standard, and the circuit layout is compact and reasonable. The actuator adopts sunflower terminal with 29 connection ports, and the terminal block is installed between the actuator cavity and the connector during double sealing connection. Even after the cover is removed or the cable jacket is not completely sealed, the equipment can be protected from dust or moisture. The terminal can effectively meet the requirements of various additional functions. (can be processed separately according to customer requirements)



Product Parameter (Specification) of the electric motor multi turn actuator with remote position controller

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
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)
Motor:	Asynchronous motor
Limit switch:	1×Open/ Close, SPDT,250V AC 10A (on/off model)
Auxiliary limit	1×Open/ Close, SPDT,250V AC 10A (on/off model)

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switch:							
Torque switch:	1×Open/ Close, SPDT,250V AC 10A						
Operating temperature:	Internal-placed thermal protection, Open 120℃ ±5℃ /Close 97℃ ±5℃						
Manual operation:	Declutching mechanism,with handwheel operation						
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)						
Ambient temperature:	-25℃~+70℃ (-30℃、-40℃、-60℃ optional)						
Lubrication:	Special oil for 00 actuators						
Material:	Ductile iron, high-strength aluminum alloys, steel, aluminum bronze, polycarbonate						
Ambient humidity:	Max 90% RH			Non-Condensing			
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		
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



FAQ the electric motor multi turn actuator with remote position controller

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:[What will AOX price term?](#)

A:We can offer FOB, CIF, EX-WORK at a reasonable price.

Q:Can I visit your company if we are interested in your AOX-M series non-intrusive setting multi turn electric actuator?

A:Of course,Your visit is our pleasure.

Production details of the electric motor multi turn actuator with remote position controller

Motor protection for the “AOX-M” series compact multi-turn electric actuators: To prevent the motor from overheating, two series of thermal switches are installed inside the windings of three-phase motors or single-phase motors. They involve the control circuit to prevent damage to the motor due to overheating of the windings.

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