



BỘ ĐIỆN TAY QUAY

Giá bán: **Liên hệ**

Bộ tác động điện có tay quay hay bộ điện tay quay mã BDTQ

Dùng để đóng mở van bướm hoặc van bi

Tay quay gắn liền trên động cơ dùng khi mất điện

Điện áp 12VDC, 24VDC, 110VAC, 220VAC

ON/OFF, Modulating 4-20mA, 0-10V

BQ Series Electric Actuator

Introduction

BQ Series electric actuator can be used for driving and controlling the butterfly valve, ball valve, plug valve and all kinds of 90 °rotating valve. The actuator is used for valve opening and closing, it can be either remotely controlled or local controlled. With the advantages of complete functions, reliable performance, advanced control system, convenient in operation and maintenance, etc, BQ series electric actuators are widely used in the fields such as electric power, metallurgy, chemical industry, paper making, coal, water drainage etc.

BQ series electric actuators is intelligent products. It can be added additional function options to meet the requirements of all kinds of industrial process control.

Actuator external coating processing can be adapted to corrosive environment. With explosion-proof structure, it can be applied to IIB level T1 - T4 level explosive mixture of 1, 2, dangerous work environment.

Model Instructions

Technical parameters

Power supply

110/220V AC 1PH, 380/400V AC 3PH 50/60Hz, ±10%

control source

110/220V AC 1PH 50/60Hz, ±10%

Motor

squirrel-cage induction motor ?F class

Limit switch

ON/OFF ? SPDT, 250VAC 10A

Torque switch	ON/OFF ? SPDT, 250VAC 10A ? Except for BQ010 ?
Thermal protection	Built-in thermal protection ? Open 120°C±5°C/Close 97°C±5°C
Stroke Angle	90°±5° ? 0°-270° for option ?
Position indicator	Disc with indicator arrow
clutch handle	separable
Self-lock	? turbine worm mechanism
Mechanical limit	one for ON and one for OFF ? External adjustable
Heater	5W ? 110/220V AC ? anti-condensation
Cable entry	2-G3/4 screw
Lubrication	EP lubricating oil
terminal	Spring terminals
Ambient Temp.	?-20°C ? +70°C (except for circuit board option)
Ambient humidity	90%RH Max
insulating strength	1500V AV 1minute
Coating	Dry powder (polyester)

Production Feature

Liquid crystal display

The LCD screen real-time display of the valve opening rotary ? in digital, and real-time display alarm information according to the working situation. High brightness LED luminous tube indicate the valve open and close limit position.

How to control

The signal of open or close angle can be remote controlled (optional remote control with 4 ~ 20mA current

signal).Local control,spin the button to control valve position on site.

Status indicates:

The relay contact output to indicate the limit of valve and fault alarm (optional 4 ~20 mA current output signal indicate the valve opening).

Adjustment without opening cover

Working parameter Settings, position limit test can be done by operating the rotary knob, do not need to open the electrical cover.This design can avoid the harmful material such as dust, moisture in the environment entering the interior of the actuator,.So that the reliability of the electrical control part are greatly improved.

High intellectualized

The actuator has the functions of man-machine dialogue.Electrical control part adopts the new SOC chip control, which is high intellectualized.

Protection

Aluminium alloy cover and body with surface phosphating treatment has strong corrosion resistance feature.Protection class IP67.???

High efficiency low noise

Precision worm gear and worm deceleration institutions, has the features of small gap, high efficiency, low noise (maximum 50 db), long service life.

Self-locking

Worm gear and worm self-locking feature can avoid the actuator inversion in the case of power cuts or fault signal.

The clutch automatic reset

The actuator has a unique mechanical hands/automatic switching mechanism.Pull the clutch handle to manual operation,and once the motor receive electrical signals and start working, the clutch can automatically reset and the actuator back to automatic state.

Handwheel

The design of handwheel can ensure the safety of manual operation, energy saving.

Motor features

In accordance with the requirements of power supply,we adopt? single phase or three phase fully enclosed squirrel-cage induction motor, which has big startup torque, small rotational inertia.

Convenient and fast wiring

Wiring of the actuator adopts plug and socket. Outside wired to the plug, so we can remove the actuator just pull the plug. The plug is waterproof, explosion-proof, which can avoid the rewiring error during maintenance process.

Absolute coding position sensor

Optional encoding position sensor is available for our intelligent quarter-turn actuators,which adopts the non-contact measurement, with high measuring accuracy and long service life.

Sản phẩm khác



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[Pneumatic Actuator - Double Acting](#)

[Xem thêm Pneumatic Actuator - Double Acting](#)



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[Pneumatic Actuator - Spring Return](#)

[Xem thêm Pneumatic Actuator - Spring Return](#)



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[Quarter Turn Electric Actuator](#)

[Xem thêm Quarter Turn Electric Actuator](#)



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[Spring Return Electric Actuator](#)

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Linear Electric Actuator

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Air Filter Regulator

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