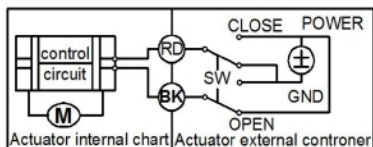
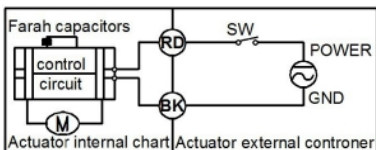


CR2 01 Wiring Diagram (2 wires control)



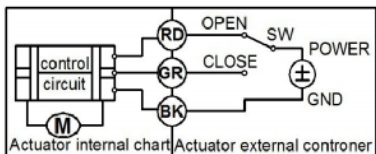
- RD connect with positive, the BK connect with negative, the valve CLOSE, the actuator automatically power off after in place, the valve remains fully closed position.
- BK connect with positive, the RD connect with negative, the valve OPEN, the actuator automatically power off after in place, the valve remains fully open position.
- Suitable Working Voltage: DC5V/DC12V/DC24V.
- Exceeding the working voltage is forbidden

CR2 02 Wiring Diagram (2 wires control – Power failure return)



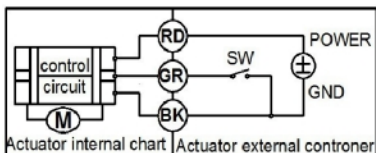
- When SW is closed, the valve OPENS. The actuator automatically power off after in place, the valve remains fully open position.
- When SW is open, the valve CLOSE, the actuator automatically power off after in place, the valve remains fully closed position.
- It can be power failure off type or power failure open type.
- Suitable Working Voltage: AC/DC9-24V, AC/DC110V-230V.
- Exceeding the working voltage is forbidden

CR3 01 Wiring Diagram (3 wires control)



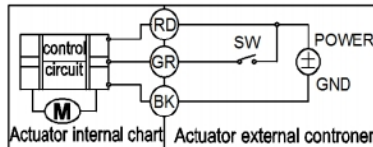
- RD & GR connect with positive, BK connect with negative
- When RD & SW connected, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- When GR & SW connected, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
- Suitable Working Voltage: DC5V, DC12V, DC24V.
- Exceeding the working voltage is forbidden

CR3 02 Wiring Diagram (3 wires control)



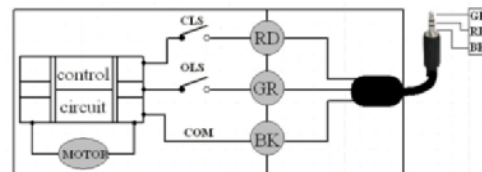
- RD connect with positive, the BK & GR connect with negative
- SW CLOSE, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- SW OPEN, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
- Suitable Working Voltage: DC9-24V.
- Exceeding the working voltage is forbidden

CR3 03 Wiring Diagram (3 wires control)



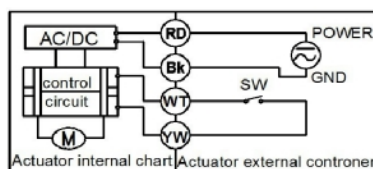
- RD & GR connect with positive, the BK connect with negative.
- SW CLOSE, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- SW OPEN, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
- Suitable Working Voltage: AC/DC9-24V, AC110-230V.
- Exceeding the working voltage is forbidden

CR3 04 Wiring Diagram (3 wires control)



- RD & GR connected with positive, and the BK connected with negative
- When RD & SW connected, the valve CLOSE, the actuator automatically power off after in place, remains fully closed position.
- When GR & SW connected, the valve open, the actuator automatically power off after in place, remains fully open position.
- Suitable Working Voltage: DC5V, DC12V, DC24V.
- Exceeding the working voltage is forbidden

CR4 01 Wiring Diagram (4 wires control)



- RD & BK are connected to the power, WT & YW are connected to the controlled wiring.
- When the SW is closed, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- When the SW is open, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
- Suitable Working Voltage: AC/DC110V-230V.
- Exceeding the working voltage is forbidden.

Wiring with Feedback (See next Page)

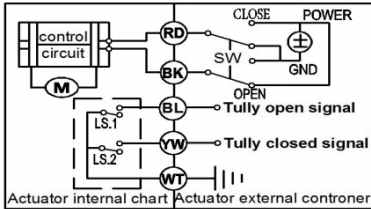


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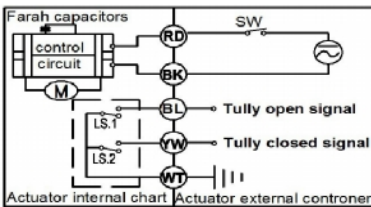
E: info@china-electricvalves.com M: +86 13466789270

[CR5 01 Wiring diagram \(with feedback signal\)](#)



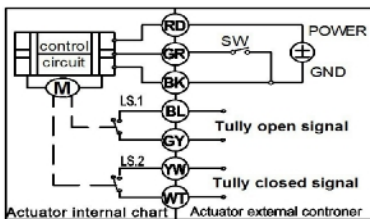
- RD connect with positive, the BK connect with negative, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
- BK connect with positive, the RD connect with negative, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- BL & WT is connecting when the valve open fully, YW & WT are connecting when the valve closed fully.
- Suitable Working Voltage: DC5V, DC12V, DC24V.
- Exceeding the working voltage is forbidden

[CR5 02 Wiring diagram \(Power failure return, with feedback signal\)](#)



- When SW is closed, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- When SW is open, the valve CLOSE, the actuator automatically power off after in place, valve remains fully close position.
- It can be power failure off type or power failure open type.
- BL & WT is connecting when the valve open fully, YW & WT are connecting when the valve closed fully.
- Suitable Working Voltage: AC/DC9-24V, AC/DC110V-230V.
- Exceeding the working voltage is forbidden.

[CR7 01 Wiring Diagram \(7 wires control with feedback signal\)](#)



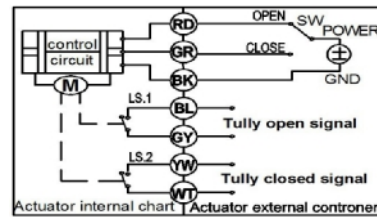
- RD connect with positive
- GR connect with SW and negative wiring
- BK connect with negative wiring
- When SW is open, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- When SW is closed, the valve CLOSE, the actuator automatically power off after in place, valve remains fully close position.
- BL & GY connect with the valve's fully open signal wiring
- YW & WT connect with the valve's fully closed signal wiring.
- Suitable Working Voltage: DC9-24V.
- Exceeding the working voltage is forbidden.

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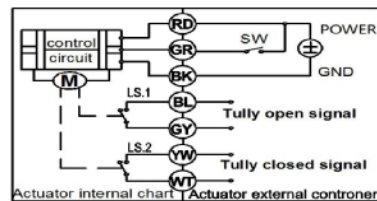
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[CR7 02 Wiring Diagram \(7 wires control with feedback signal\)](#)



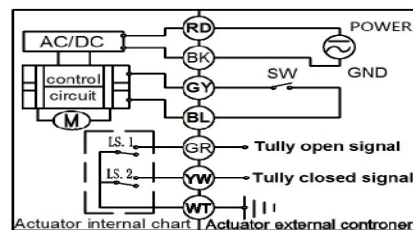
- RD & GR connect with positive, the BK connect with negative
- When RD & SW connected, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- When GR & SW connected, the valve CLOSE, the actuator automatically power off after in place, valve remains fully close position.
- BL & GY connect with the valve's fully open signal wiring
- YW & WT connect with the valve's fully closed signal wiring
- * Suitable Working Voltage: DC5V, DC12V, DC24V.
- * Exceeding the working voltage is forbidden

[CR7 03 Wiring Diagram \(7 wires control with feedback signal\)](#)



- RD & GR connect with positive, the BK connect with negative.
- When SW is closed, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- When SW is open, the valve CLOSE, the actuator automatically power off after in place, valve remains fully close position.
- BL & GY connect with the valve's fully open signal wiring
- YW & WT connects with the valve's fully closed signal wiring.
- Suitable Working Voltage: AC/DC9-24V, AC110-230V.
- Exceeding the working voltage is forbidden.

[CR7 04 Wiring Diagram \(7 wires control with feedback signal\)](#)



- RD & BK are connected to the power, GY & BL are connected to the controlled wiring.
- When the SW is closed, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
- When the SW is open, the valve CLOSE, the actuator automatically power off after in place, valve remains fully close position.
- GR & WT connect with the valve's fully open signal wiring
- YW & WT connects with the valve's fully closed signal wiring.
- Suitable Working Voltage: AC/DC110V-230V.
- Exceeding the working voltage is forbidden.