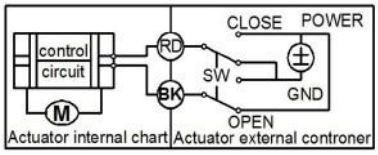
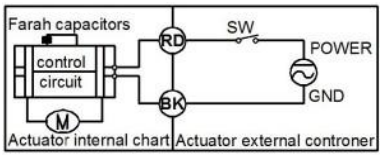
CR2 01 Wiring Diagram (2 wires control)



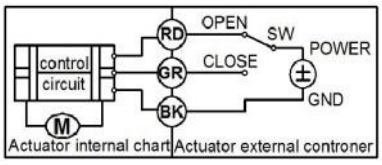
· RD connect with positive, the BK connect with negative, the valve CLOSE, the actuator automatically power off after in place, the valve remains fully closed position.
· BK connect with positive, the RD connect with negative, the valve OPEN, the actuator automatically power off after in place, the valve 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) AR Type



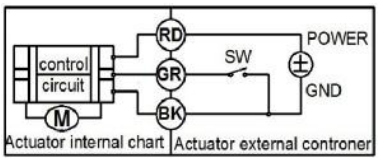
· When SW is closed, the valve OPENS. The actuator automatically power off after in place, the valve remains fully open position.
· When SW is open, the valve CLOSE, the actuator automatically power off after in place, the valve remains fully closed position.
· It can be power failure off type or power 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)



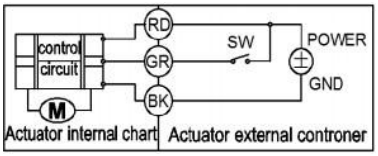
· RD & GR connect with positive, BK connect with negative
· When RD & SW connected, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
· When GR & SW connected, the valve CLOSE, the actuator automatically power off after in place, valve remains fully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

CR3 02 Wiring Diagram (3 wires control)



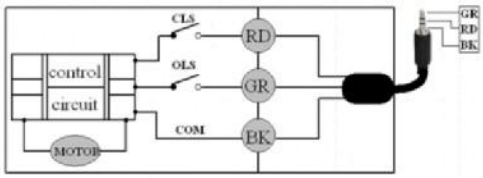
· RD connect with positive, the BK & GR connect with negative
· SW CLOSE, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
· SW OPEN, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
- Suitable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

CR3 03 Wiring Diagram (3 wires control) standard type



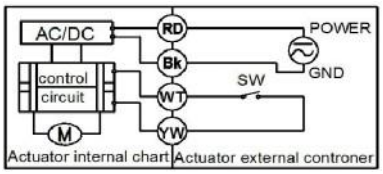
· RD& GR connect with positive, the BK connect with negative.
· SW CLOSE, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
· SW OPEN, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
- Suitable 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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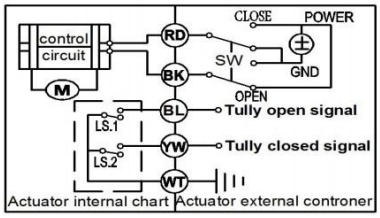
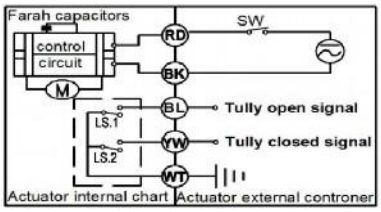
CR5 01 Wiring diagram (with feedback signal)



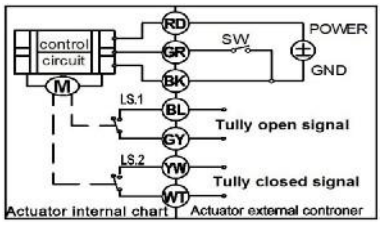
· RD connect with positive, the BK connect with negative, the valve CLOSE, the actuator automatically power off after in place, valve remains fully closed position.
· BK connect with positive, the RD connect with negative, the valve OPEN, the actuator automatically power off after in place, valve remains 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) AR-E2



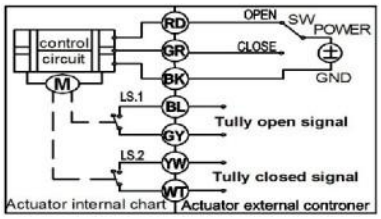
· When SW is closed , the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
· When SW is open, the valve CLOSE, the actuator automatically power off after in place, valve remains fully close position.
· It can be power failure off type or power failure 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)



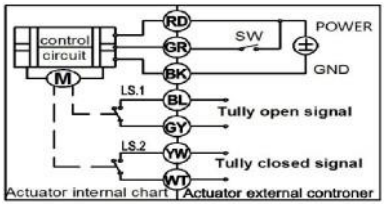
· RD connect with positive
· GR connect with SW and negative wiring
· BK connect with negative wiring
· When SW is open, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
· When SW is closed, the valve CLOSE, the actuator automatically power off after 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.

CR7 02 Wiring Diagram (7 wires control with feedback signal)



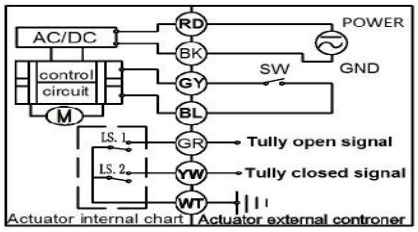
· RD & GR connect with positive, the BK connect with negative
· When RD & SW connected, the valve OPEN, the actuator automatically power off after in place, valve remains fully open position.
· When GR & SW connected, the valve CLOSE, the actuator automatically power off after in place, valve remains 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) standard E2



· 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.