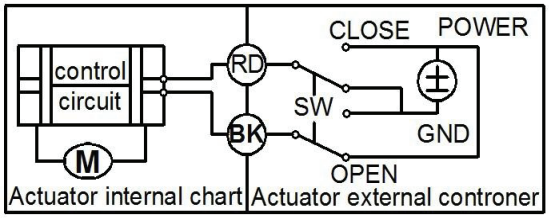
Wiring diagram

CR2 01 Wiring Diagram (2 wires control)

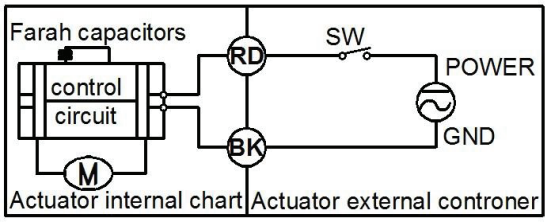


• RD connect with positive, the BK connect with negative, the valve closed, the actuator automatically power off after in place , the valve remains fully closed position .

•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:DC3.5/ DC5V/DC12V/DC24V**
* Exceeding the working voltage is forbidden

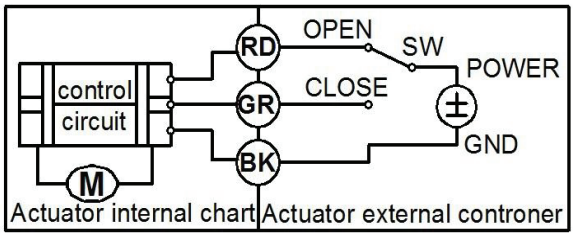
CR2 02 Wiring Diagram (2 wires control – Capacitance return in case of the power is failure)



• When SW is closed , the valve open. the actuator automatically power off after in place
• When SW is open, the valve closed, the actuator automatically power off after in place

* **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

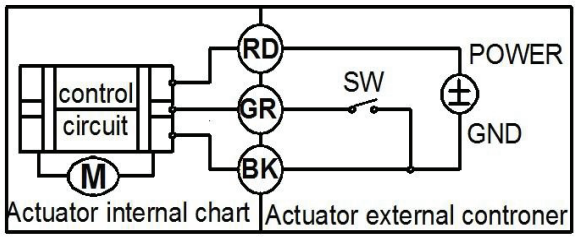
• When OPEN(RD) & SW connected , the valve open, the actuator automatically power off after in place , valve remains fully open position

• When CLOSE(GR) & SW connected, the valve closed, the actuator automatically power off after in place, valve remains fully closed position.

*** Suitable Working Voltage: DC5V/DC12V/DC24V,AC/DC9-35V**

* Exceeding the working voltage is forbidden

CR3 02 Wiring Diagram (3 wires control)



• RD connect with positive, the BK & GR connect with negative

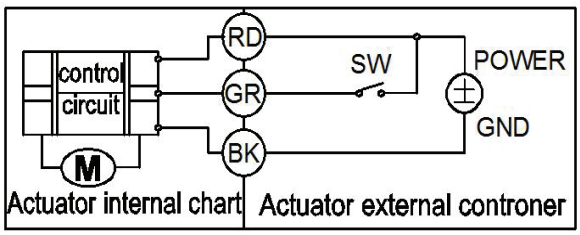
• SW CLOSED, the valve OPEN, the actuator automatically power off after in place.

• SW OPEN, the valve CLOSED, the actuator automatically power off after in place.

*** Suitable Working Voltage: DC7-35V**

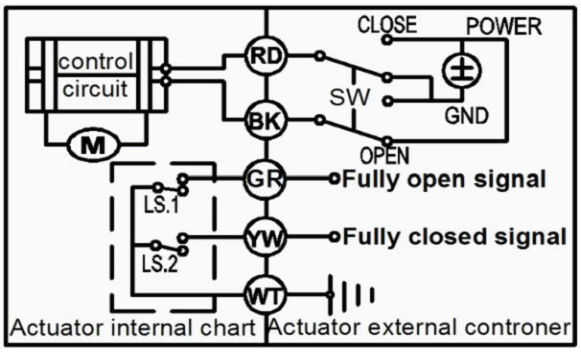
* Exceeding the working voltage is forbidden

CR3 03 Wiring Diagram (3 wires control)



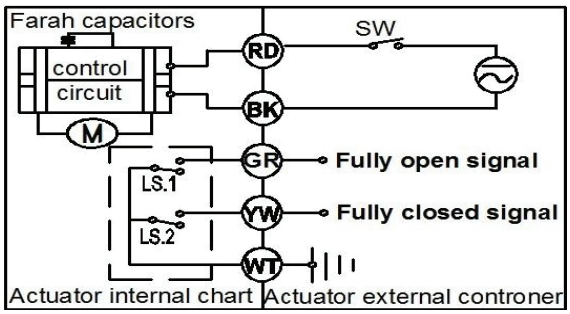
• RD& GR connect with positive, the BK connect with negative。
• SW CLOSED, the valve OPEN, the actuator automatically power off after in place
• SW OPEN, the valve CLOSED, the actuator automatically power off after in place.
*** Suitable Working Voltage: AC/DC9-35V,AC/DC110-230V**
* Exceeding the working voltage is forbidden

CR5 01 Wiring diagram (with feedback signal)



• RD connect with positive, the BK connect with negative，the valve closed, the actuator automatically power off after in place .
• BK connect with positive, the RD connect with negative，the valve open, the actuator automatically power off after in place .
• GR & WT are connect when the valve open fully, YW & WT are connect when the valve closed fully
Suitable Working Voltage:：DC5V/DC12V/DC24V
Exceeding the working voltage is forbidden

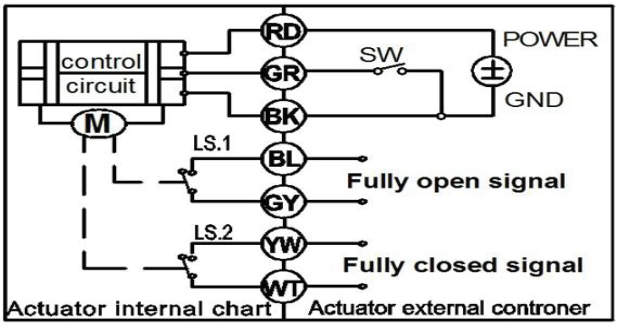
CR5 02 Wiring diagram (with feedback signal)



• When SW is closed , the valve open. the actuator automatically power off after in place

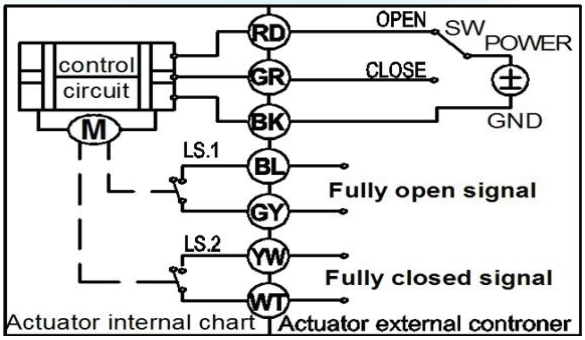
• When SW is open, the valve closed, the actuator automatically power off after in place
* GR & WT are connect when the valve open fully, YW & WT are connect when the valve closed fully
*** Suitable Working Voltage: AC/DC9-24V, AC/DC9-35V, AC/DC110V-230V**
* Exceeding the working voltage is forbidden

CR7 01 Wiring Diagram (7 wires control with feedback signal)



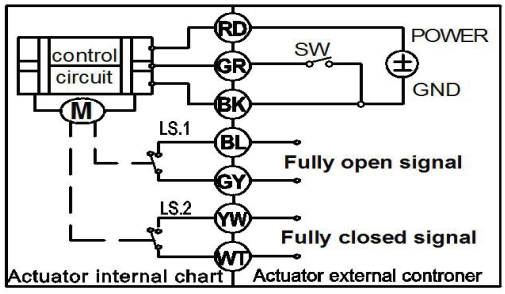
• RD connect with positive
• GR connect with SW and negative wiring
• BK connect with negative wiring
• SW open. the valve open, and keeping fully open.
• SW closed. the valve closed, and keeping fully closed.
• BL & GY connect with the valve's fully open signal wiring
• YW & WT connect with the valve's fully closed signal wiring.
*** Suitable Working Voltage: DC7-35V**
* Exceeding the working voltage is forbidden
※ Feedback with load ability:
① The Max. off voltage: DC36V AC220V
② The Max. off current: ≦0.4A

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 the valve fully open.
• When GR & SW connected, the valve closed, the actuator automatically power off after the valve fully closed,.
• 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
※ Feedback with load ability：
① The Max. off voltage: DC36V AC220V
② The Max. off current: ≦0.4A

CR7 03 Wiring Diagram (7 wires control with feedback signal)



·RD& GR connect with positive, the BK connect with negative。
·SW CLOSED, the valve OPEN, the actuator automatically power off after in place
·SW OPEN, the valve CLOSED, the actuator automatically power off after in place.
·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: AC/DC9-24V,AC110-230V
* Exceeding the working voltage is forbidden

Instruction For Manual Function

1, The manual function can only use in the power failure situation.
2, Rotating the hand wheel left and right with small angle, and pulling up the hand wheel about 3mm until the valve arriving.
3,The red line on the window pointer to indicate S, the valve is closed, indicating O ,the valve is open.
4, Pressing down the hand wheel when no need of the manual operation, so the normal electric power can work.