**Motorize Valve A20-T25-B2-C**

(24VDC; CR301)



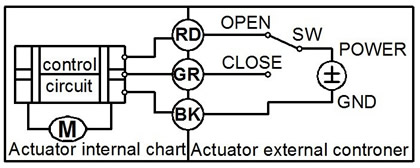
*Technical Parameters:*

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| **Valve size** | **NPT/BSP 1"  DN25** |
| Maximum working pressure | 1.0 MPa |
| Circulation medium | Fluid, air |
| Rated voltage | DC12v,DC24v |
| Wiring control methods | CR3-01 |
| Working current | ≤500MA |
| Open/close time | ≤5S |
| Life time | 100000 times |
| Valve Body material | Brass |
| Actuator material | Engineering Plastics |
| Sealing material | EPDM & PTFE |
| Actuator rotation | 90° |
| Max. torque force | 2 Nm/4Nm（Optional） |
| Cable Length | 0.5m,1.5m（Optional） |
| Environment temperature | -15℃～50℃ |
| Liquid temperature | 2℃～90℃ |
| Manual override | No |
| Indicator | Yes |
| Protection class | IP67 |

*Motorized valve description*

1. Valve Body: 2 Way BSP/NPT 1" DN25 Brass. Port Size:Ø24mm Actuator: DC12V CR301 3 Wires Control
2. Regular watering the flowers, Timing humidification , Air compressor drain at regular time.
3. Limit Switches Inside, Cut Off Power Automatically When F.O or F.C
4. This motorized valve is a good replacement of the solenoid valve.It can be installed at any angle and direction,and can work in moist conditions.
5. CR3 01 is a very stable wiring diagram in our company. It is very rare to have problems. From February to August in 2017 , this wiring diagram motorized vakve return back quantity is 0

*Wiring diagram*

**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