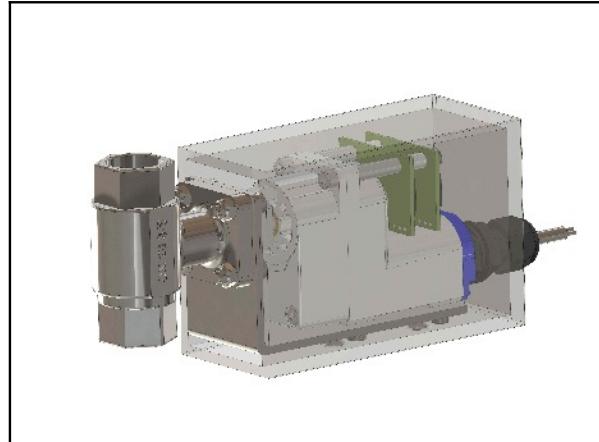




MOTORIZED BALL VALVE 12-24 VDC



Technical general data and ball valve body:

Sizes available: from 3/8" to 1" 1/2 (brass) – from 3/8" to 1" (stainless steel)

Dimension w x h x d (valve body excluded): 50x144x80 mm

Material: brass – stainless steel (on request)

Working temperature: -20° to + 150 ° C for fluids

Working pressure (with actuator): see diagram

Fluid range: air, water, oil, petrochemical products, vacuum

Threaded ends as per UNI/ISO 7/1 Rp specifications



Actuator technical data:

Nominal working: 90° (without mechanical stop)

Proportional control: by encoder hall effect 1 or 2 probes (upon request)

Nominal working torque: 22 Nm max.

Operation time (0°-90°): 2-3 seconds

Service: 50%

Applicable regulations. Low voltage directive 2006/95/CE

Enclosure: IP54

Working temperature: -20° + 80° C

Electric protection: PTC inside motor (thermal)

Limit open/close: with 2 inner electromechanical switches already set

Additional switches: with 2 inner electromechanical switches for feedback signal (clean contact) valve open/close

Supply voltage: 12-24 Vdc

Absorbed current (max.): 1 A (12V) - 2 A (24 V)

Connections: 6 wires (connector on request)

Connection for emergency manual lever

Size	DN10 -3/8"	DN15-1/2"	DN20-3/4"	DN25- 1"	DN32-1" 1/4	DN 40 1"1/2
PN 25 bar	-	-	-	-	-	-
PN 40 bar	-	-	-	-	14	19
PN 50 bar	-	-	7	10	-	-
PN 64 bar	4	5	-	-	-	-

Torque are values are for valves used with clean, medium temperature liquid, and can vary depending on temperature and type of fluid.

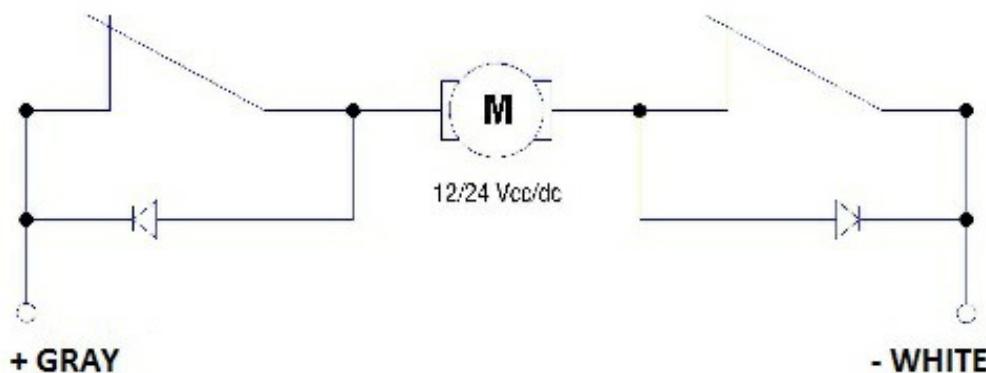
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sales@alliedinter.com



MOVEMENT ENGINEERING
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WIRING HOOK UP DIAGRAM



Connections

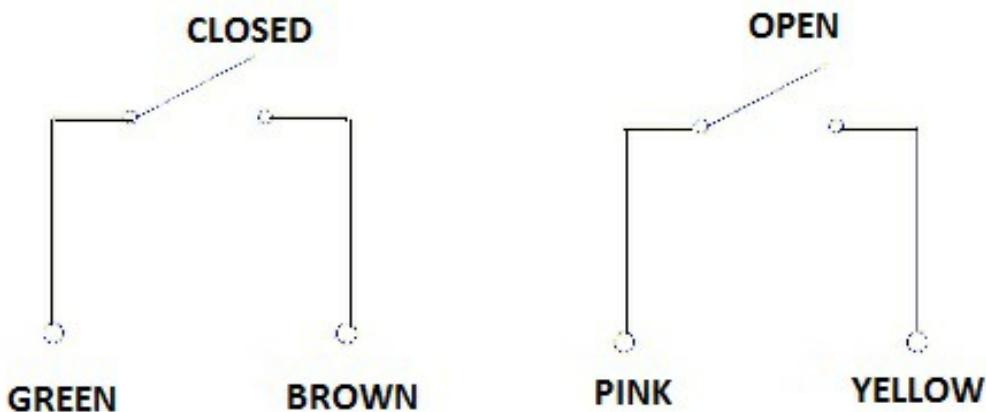
Motor supply (12/24 Vcc/dc)

grey : + /motor
white: - motor

Integrated switches

Switches for electric stop are inside of valve body .

OPTIONAL STATUS FEEDBACK MICROSWITCHES



Upon request 2 additional switches for feedback signal (clean contact) open valve and closed Valve that are inside of valve body

Feedback signals:

-additional switch for opening feedback signal (clean contact) this is electric close when the valve is open

-additional switch for closing feedback signal (clean contact) this is electric close when the valve is closed

Example :opening and closing valve for relay control, PLC,etc.