


MVN Rotary Valve Actuators

3-Nm Rotary Valve Actuators

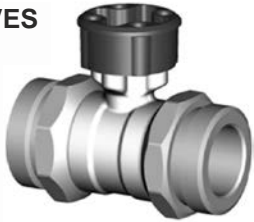
MOUNTING INSTRUCTIONS

1

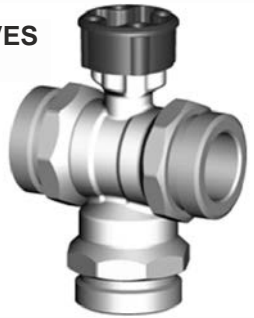
MVN613A1500, MVN663A1500, MVN713A1500




VBG 2-WAY VALVES
DN15-32

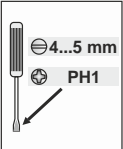


VBG 3-WAY VALVES
DN15-32

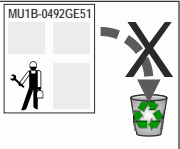


2

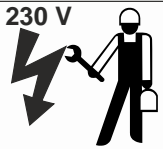




4...5 mm
PH1




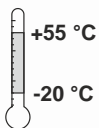
MU1B-0492GE51



230 V

LVD 2006/95/EC
EMC 2004/108/EMC
RoHS 2011/65/EC

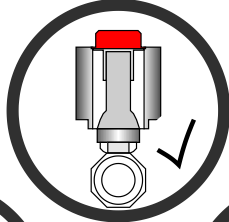


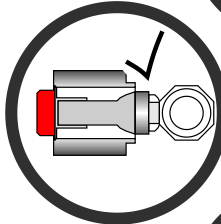


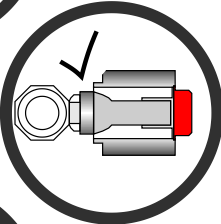
+55 °C
-20 °C

**AMBIENT
TEMPERATURE
RANGE**

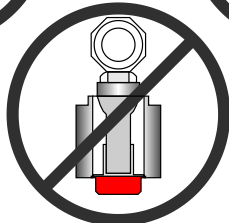
3





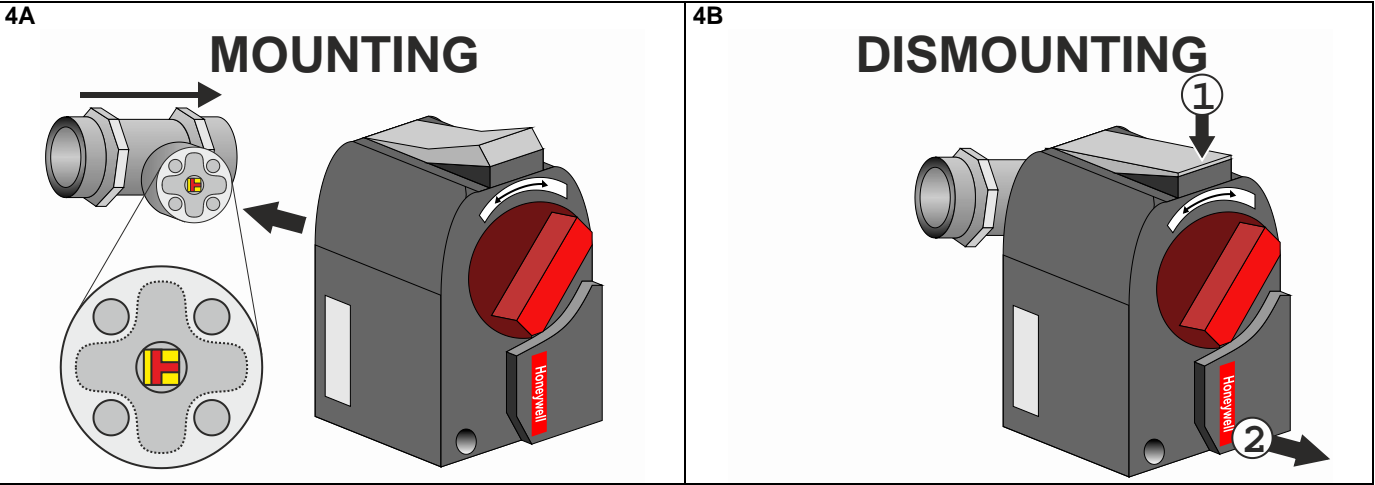


IP40

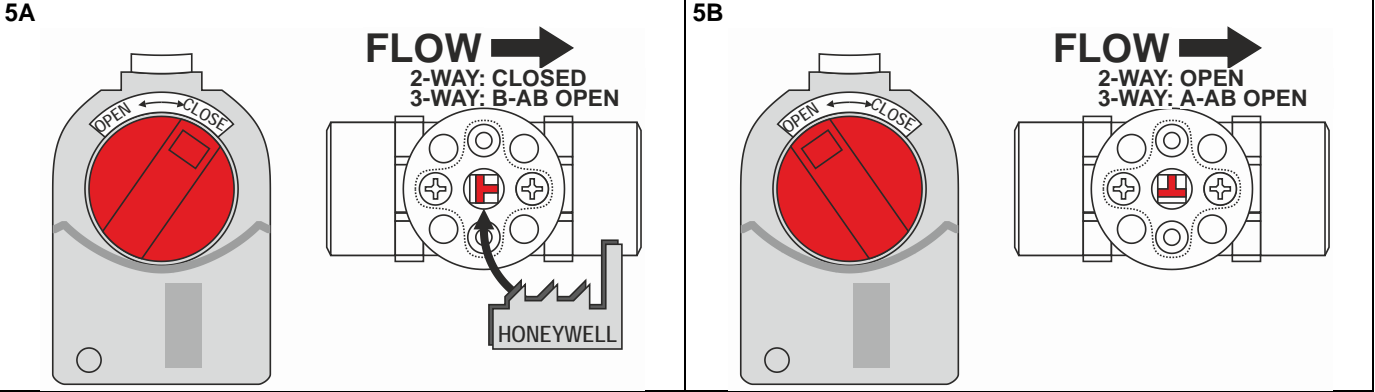




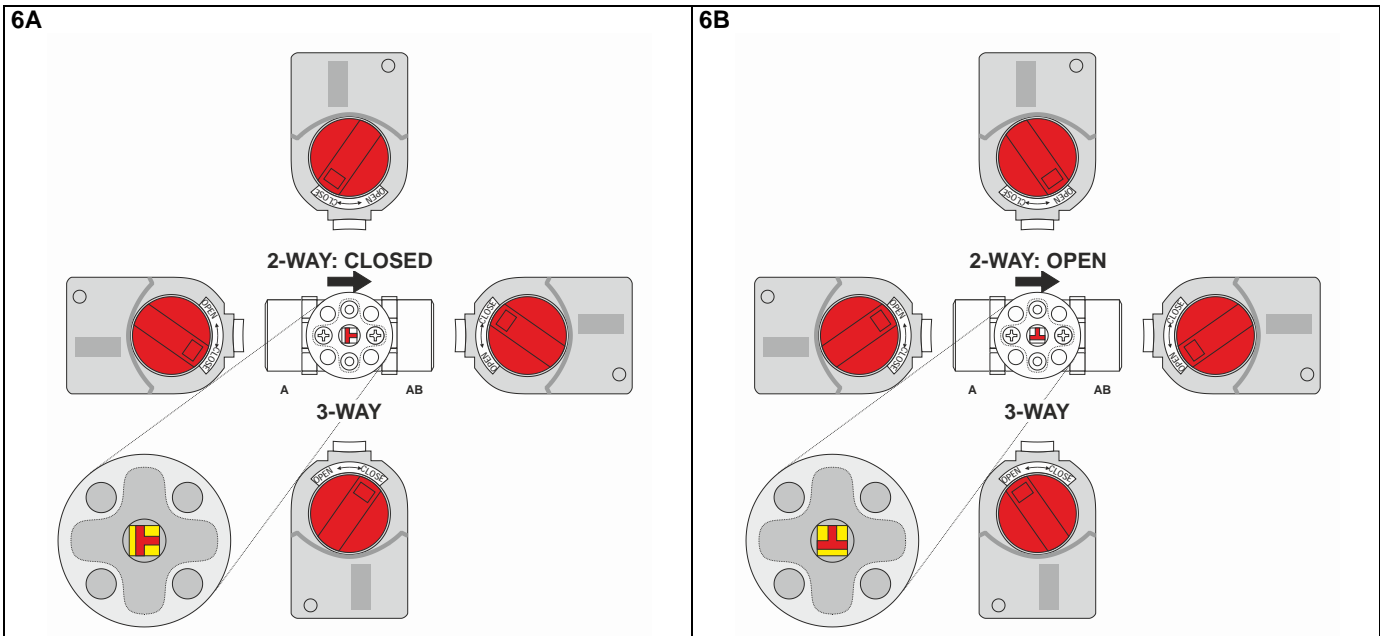
MOUNTING TO / DISMOUNTING FROM 2-WAY AND 3-WAY VALVES



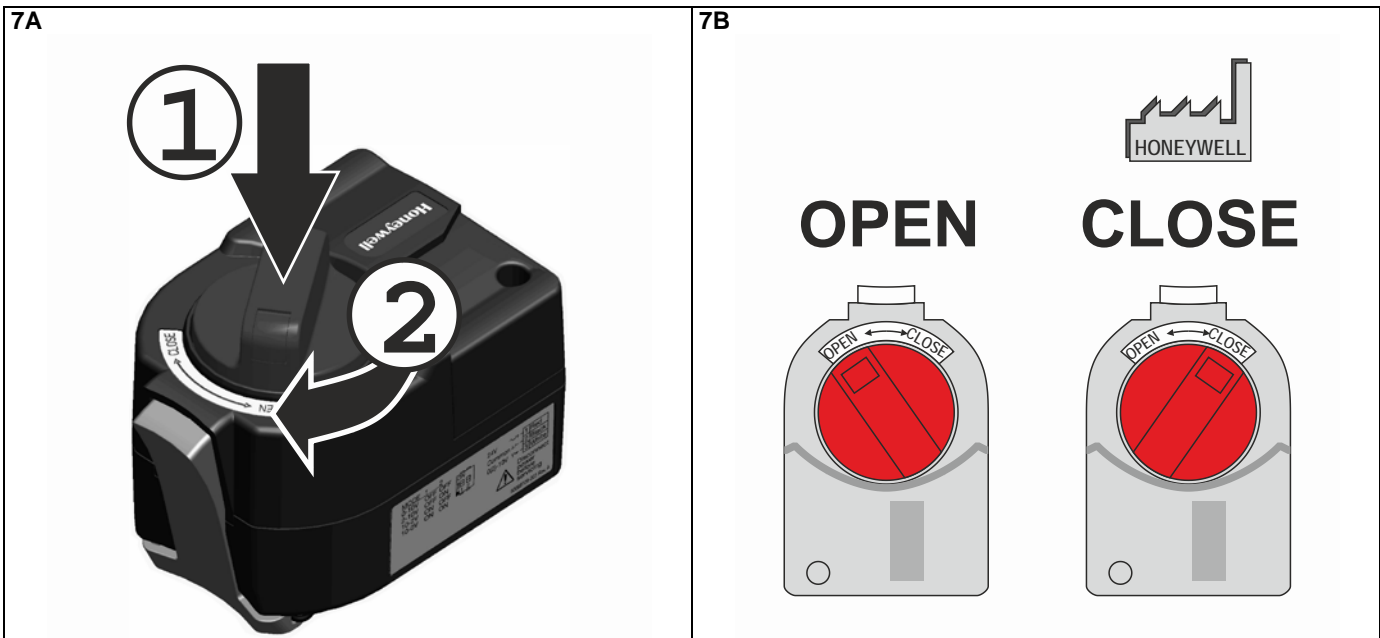
ORIENTATION OF BALL IN VALVE



MOUNTING POSITIONS OF ACTUATOR



MANUAL OPERATION



WIRING

8A: OPENING COVER

MVN663A

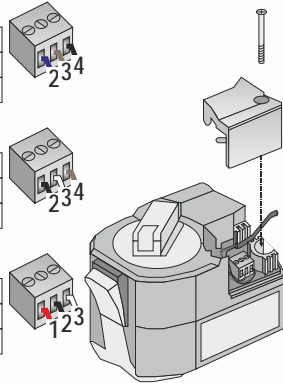
NEUTRAL	N	2	BLUE
230 VAC, CCW	L	3	BROWN
230 VAC, CW	L	4	BLACK

MVN613A

COMMON	⊥	2	BLACK
24 VAC, CCW	~	3	WHITE
24 VAC, CW	~	4	BROWN

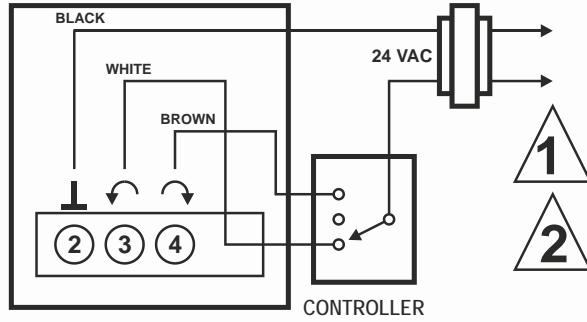
MVN713A

24 V	~/+	1	RED
COMMON	⊥/-	2	BLACK
0(2) ... 10 V	Y→	3	WHITE



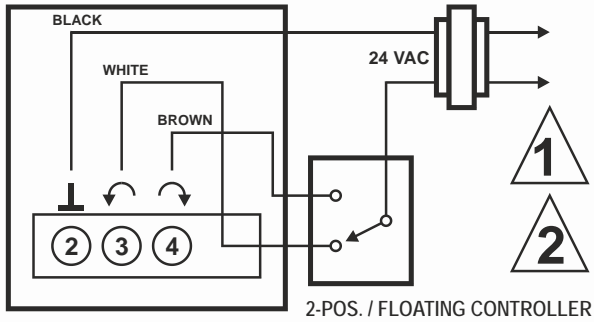
8B: MVN613A

FLOATING ACTUATOR



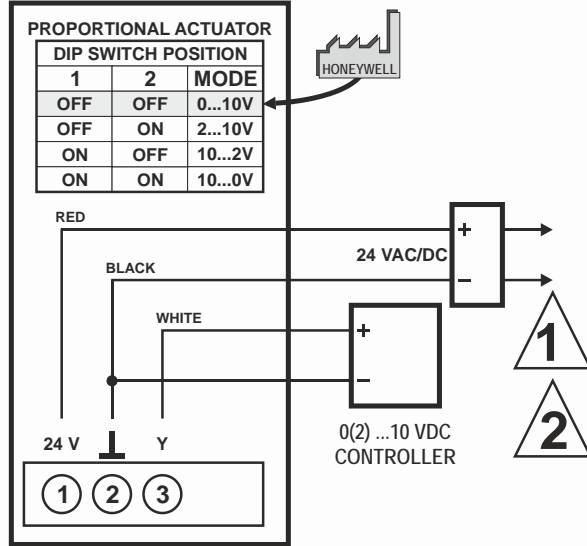
8C: MVN613A

FLOATING ACTUATOR



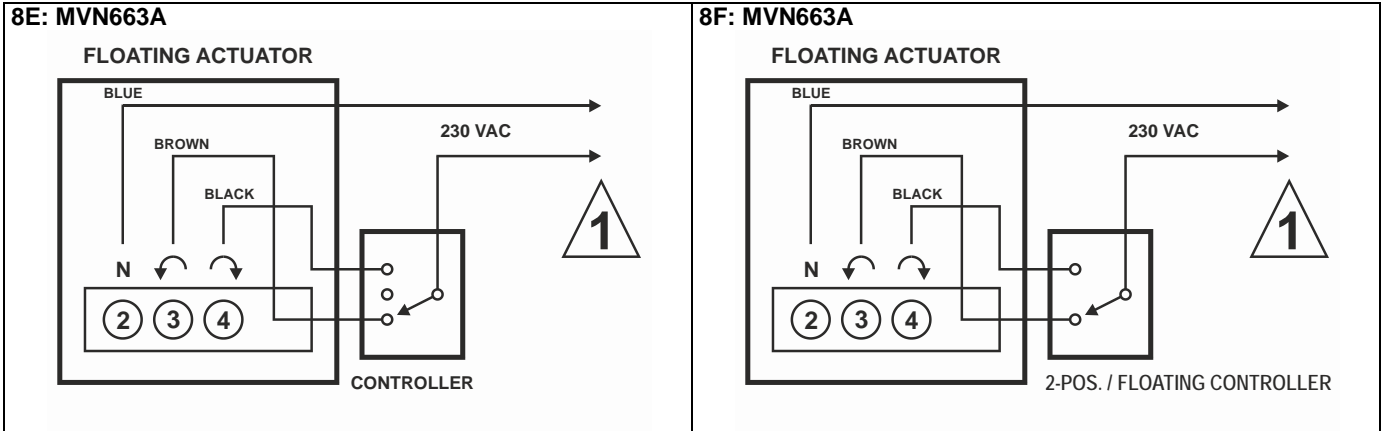
8D: MVN713A

PROPORTIONAL/MODULATING:
0(2)...10 VDC OR 10...(0)2 VDC CONTROLLER OUTPUT



1 POWER SUPPLY. PROVIDE MEANS FOR DISCONNECTING AND FOR OVERLOAD PROTECTION, AS REQUIRED.

2 SAFETY ISOLATING TRANSFORMER () IS REQUIRED.



1 LINE VOLTAGE POWER SUPPLY. PROVIDE MEANS FOR DISCONNECTING AND FOR OVERLOAD PROTECTION, AS REQUIRED.

APPROVALS, CERTIFICATIONS


Conforms to the following requirements per European Consortium (EC) standards:

- EN 60730-1/A2; 2008

Information as per EN 60730

Environmental conditions	For use in home (residential, commercial, and light-industrial) environments
Pollution degree	2 (MVN663A) 3 (MVN613A + MVN713A)
Protection class	Class II (MVN663A) Class III (MVN613A + MVN713A)
Rated impulse voltage	2.5 kV
Mode of operation	Type 1

DISPOSAL

WEEE: Waste Electrical and Electronic Equipment Directive	
	<ul style="list-style-type: none"> ▪ At the end of the product life, dispose of the packaging and product in an appropriate recycling center. ▪ Do not dispose of the device with the usual domestic refuse. ▪ Do not burn the device.

Honeywell

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MU1B-0492GE51 R0514A

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38-00018—01 M.S. 06-14
Printed in United States