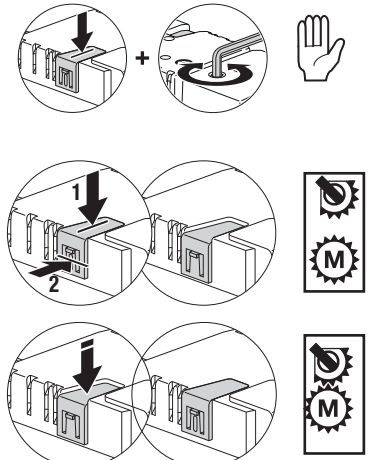
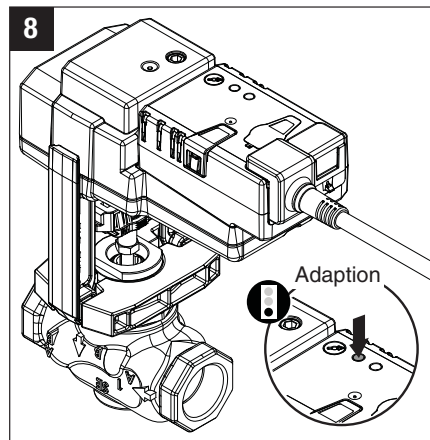
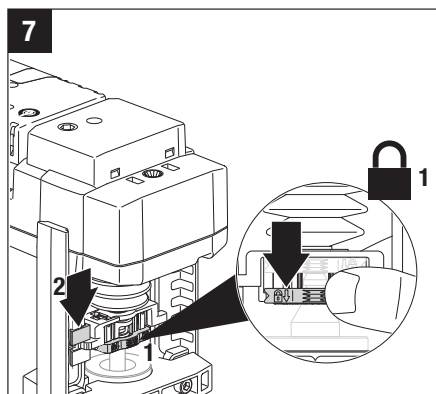
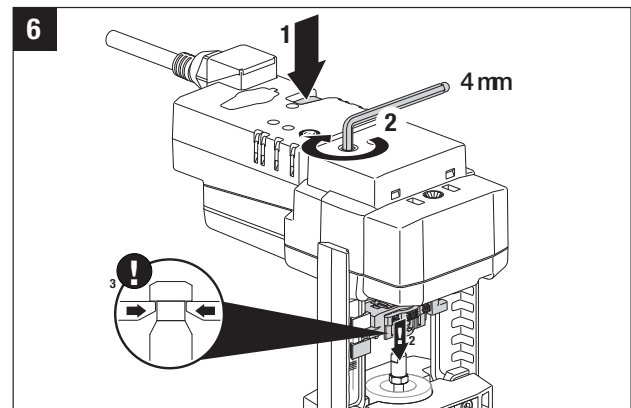
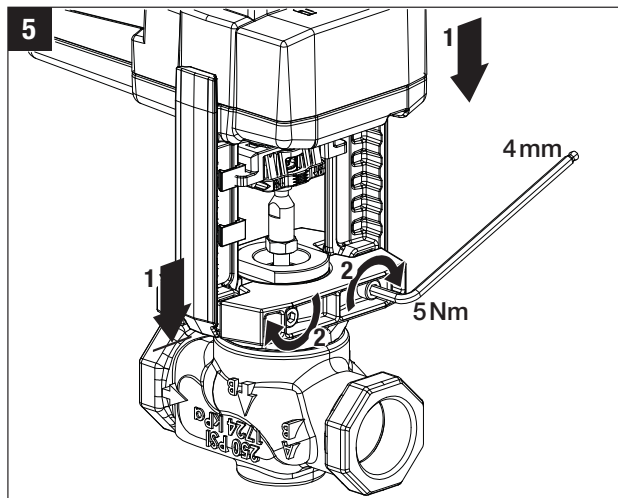
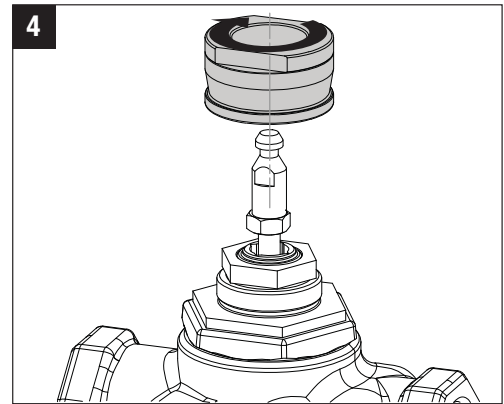
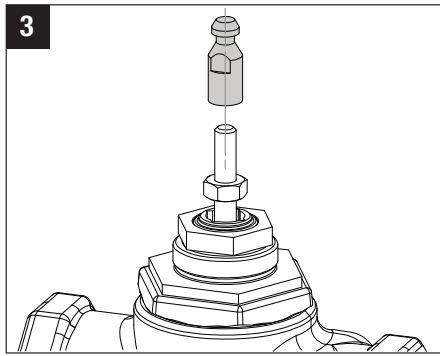
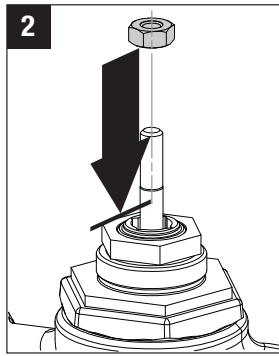
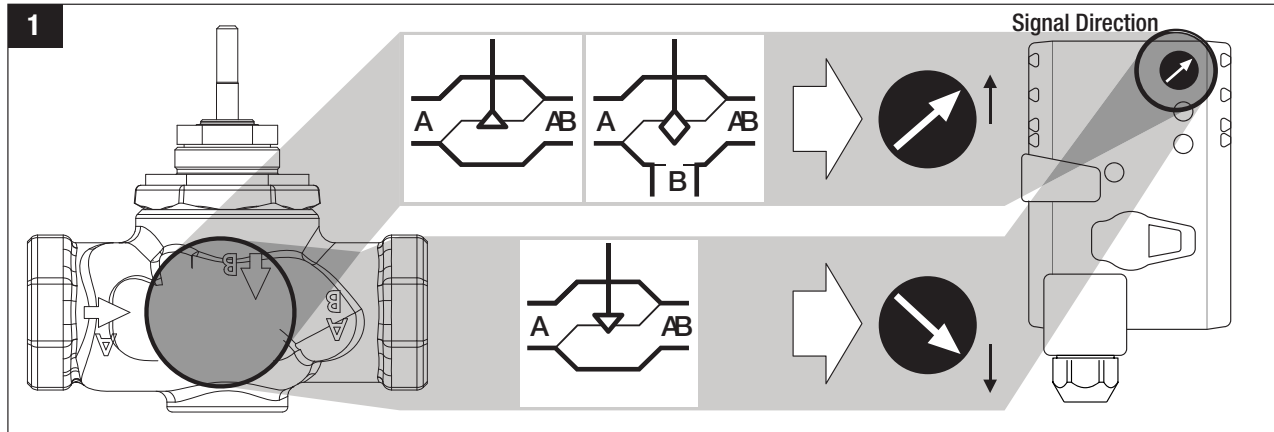


SGVL/G2/G3 Linkage with LV and SV Series Actuators



SGVL/G2/G3 Linkage with LV and SV Series Actuators

WIRING DIAGRAMS

Non-Spring Return Actuator with -3 and -SR

24 VAC Transformer

On/Off

24 VAC Transformer

Floating Point

24 VAC Transformer

VDC / 4 to 20 mA

100 to 240 VAC

On/Off

100 to 240 VAC

Floating Point

Signal Direction

Selector Switch

24 VAC Transformer (AC only)

Triac Sink

24 VAC Transformer (AC only)

Triac Source

Notes:

- Meets cULus requirements without the need of an electrical ground connection
- Actuators with appliance cables are numbered.
- Actuators may be connected in parallel. Power consumption and input impedance must be observed.
- Actuators may also be powered by 24 VDC.
- Only connect common to neg. (-) leg of control circuits.
- A 500 Ω resistor converts the 4 to 20 mA control signal to 2 to 10 VDC.
- Control signal may be pulsed from either the Hot (Source) or Common (Sink) 24 VAC line.
- Contact closures A & B also can be triacs. A & B should both be closed for the triac source and open for triac sink.
- For triac sink the Common connection from the actuator must be connected to the Hot connection of the controller. Position feedback cannot be used with a triac sink controller. The actuator internal common reference is not compatible.
- IN4004 or IN4007 diode. (IN4007 supplied, Belimo Part number 40155)
- Actuators with plenum rated cable do not have numbers on wires; use color codes instead.

24 VAC Transformer

On/Off

24 VAC Transformer

Floating Point

24 VAC Transformer (AC Only)

Override Control Min, Mid, Max Postions

24 VAC Transformer

On/Off

24 VAC Transformer

Floating Point

24 VAC Transformer (AC Only)

VDC / 4 to 20 mA

24 VAC Transformer

On/Off

24 VAC Transformer

Floating Point

24 VAC Transformer (AC Only)

VDC / 4 to 20 mA

24 VAC Transformer

On/Off

24 VAC Transformer

Floating Point

24 VAC Transformer (AC Only)

VDC / 4 to 20 mA

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On/Off

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On/Off

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