

## SERIES EBVA & EBVB ELECTRIC ACTUATORS

# RE-SET PROCEDURE FOR ALL MODULATING ACTUATORS

(3, 4, 5, or 6 in second numerical position in model prefix  
also known as 4-20 mA or 0-10 VDC “control”)

### Re-set Procedure for Modulating Actuators

On occasion an anomaly in the control signal to the modulating actuator might cause the actuator to “freeze up” and no longer respond to the 4 – 20 mA (or 0-10VDC) control signal. If this happens, please follow these instructions to re-set the actuator:

1. Switch off the power to the actuator. This is the voltage supplied to the large DIN plug.
2. Remove the control signal DIN plug. This is the female DIN plug in the center of the 3 DIN plugs.
3. On the male DIN plug on the actuator (the center control signal plug) make a short circuit between pin 1 and ground. Looking at the male DIN plug, head on, pin 1 is the pin in the 3:00 o'clock position. Ground is the flat pin in the 6:00 o'clock position. The short circuit can be made with a piece of wire, or a screwdriver blade. The short circuit must be made when the power is switched back on, then the short circuit released while the power remains on.
4. Turn on the power while the short circuit is made. Leave the power on and remove the short circuit.
5. The actuator should begin to re-set itself. It will move to full open position and then back to full closed position (for a normally closed actuator; if it is a normally open actuator, the opposite will occur).
6. Plug in the control signal DIN plug.
7. The actuator should function properly again. If not, the problem is elsewhere. Contact the factory.

