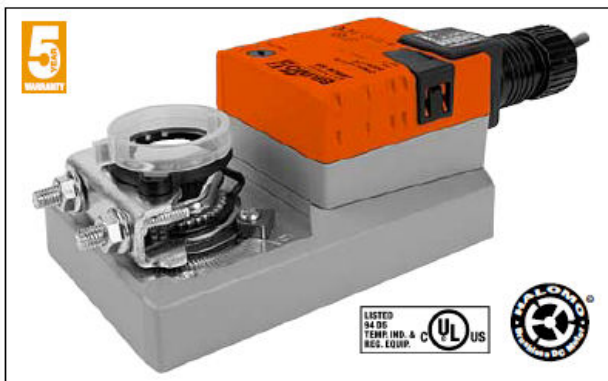


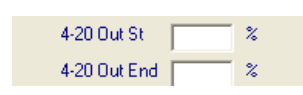
Using a Belimo Actuator for Exhaust Door Control
APP- 041

Application:

This application note will show how to hook up a Belimo Actuator for an Exhaust Door Control. The actuator will use the 0-10vdc signal from the SDX card. The actual voltage is 2-10vdc which is what the Belimo requires. A additional 24vac transformer will be required both to drive the actuator and also for the isolated supply on the SDX.



When wiring the actuator it is very important to make sure the common on the transformer is connected to pin one on the actuator and pin 1 on the SDX ISO power input. The same transformer powers both the actuator and the isolated output on the SDX. Input 3 on the actuator is the 2-10vdc input.



The 2-10 vdc can be adjusted using Xbase.

