

You can control these actuators by 4-20mA or digitally (works like 3-point control)

These actuators are not standard. Type is Oden V XX*BW (*XX depending actuator type). We are using the best gears in these actuators with extra accuracy.

Connections 4 and 5 (increase and decrease) on connection board are for 3-point controlling and digital control 24 V DC control.

If the actuator could be driven by pulses, each pulse would be able to move the actuator 0.018 degrees / pulse.

But our actuators runs as a 3-point control . Customers usually do this in their control system, they adjust the time setting.

The digital inputs (Inc, Dec) is not pulsed without the engine running as long as they are activated. It is read every millisecond, there is a filter function that removes noise and it means that the signal needs to be stable at ~ 35 mS to be detected

You can set the speed from 0.10 to 15 degrees per sec. You should be able to run down to 9 minutes (540 sec)

The V- series actuators generates 4-20mA analog feedback signal out. We have no potentiometer in our control board. It has magnets in magnetic disc that goes around.

The control board has 2 pieces Reed sensors that detect every time the magnet passes to different sources. We have 5000 steps at 90 degrees.