

# GPS Actuator

By Bernard Controls

## The best way to find your electric actuation solution

- **Dead band**

- The dead band is the range through which an input signal may vary, upon reversal of direction, without triggering any observable change in the position of the valve
- For example, a dead band of  $\pm 1\%$  means that, if the actuator receives the order to move to position  $x$ , it must finally stop within an interval of  $[x-1\%; x+1\%]$
- Obviously, an actuator with a dead band of 1% will be more performant for modulating than an actuator with a dead band of 2%

