

## ELECTRIC VALVE ACTUATORS

for spindle valves, pressure regulators and ball valves



Would you like to regulate larger quantities of gas or fluids in a reproducible manner and with a reasonable flow curve, even with lower pressure? Or would you like to steadily adjust the operating pressure? Then our electric valve actuators may be the right solution for you.

Actuators can be installed onto various needle valves, metering valves, bellows valves, pressure regulators and switching valves.

Valves and pressure regulators in different materials can be used over the entire temperature and pressure range. Valve actuators are available in different basic versions and in many order configurations. We will gladly assist you in the choice of the suitable valve.

### Our solutions can be described as follows:

- Innovative and user friendly
- Simple activation due to incorporated engine control system
- Manually and/or direct selectable with customary control devices
- No specific control devices necessary
- Precisely accurate and reproducible metering, even within shut-off zone, due to suitable valves
- Precise control of the OPEN-STOP-CLOSED-functions by smallest increments up to a maximum of 20 rotations
- Internal shut-off with end position switch
- Performance in ATEX series II category 2G EEx d IIC T6 available

### The following items must be considered:

- Turning to closed position is controlled by a friction clutch
- When changing the turn direction a delay of 0.5 seconds must be accounted for

### Extract of the Technical Data:

- Cycle time: approx. 2 to 44 s / full turn selective (different speeds upon request)
- Effective range: over entire regulating range of valve
- Input: 24 Volt D.C.
- Controlling: 5 - 24 Volt D.C. (OPEN-STOP-CLOSED), 4 - 20 mA or 2 - 10 Volt D.C.
- Protection category: IP 67
- Positioning signal: 4 - 20 mA, 2 - 10 Volt D.C. or by potentiometer output
- Ambient temperature range: - 30° C bis + 85° C

