



Ball Valves SMART Series

The electronic operation system of altek's "smart series of ball valves" allows easier adjustments to customer needs by programming the print circuit accordingly. The ball valve operating electronics can be simply integrated into the customers hardware, either by CAN Bus or ISO Bus operation. Due to the fact that relays` are replaced by microelectronic building units, the functions can be programmed in such way that bi- directional operation is possible. It is also possible to have two ports partially open for flushing and draining the system.

- **Reduction of deposit: Possibility of changing the direction of rotation manually or automatically**
- **Integrated safety device in the smart board prevents the motor and the gear drive from being overloaded.**
- **Possibility for online diagnoses**
- **Permanent monitoring of the power draw protects the ball valve electronics and the electric motor.**
- **In case of blocked or hard moving ball the motor is cut out using thermal protection**