

# MOTORIZED ACTUATOR FOR PILOT REMOTE SETTING

## Model 4S / VA-7242

The BERMAD VA 7242 motorized actuator is fitted on the control pilot of a control valve and allows remote set point adjustment over the full modulation range of pressure, flow or water level. The actuator can be installed on a variety of BERMAD control pilots.

### Features

- Comply with variety of BERMAD control pilots
- Easy programming and setting

### Typical Applications

- pressure management
- Pressure reducing/sustaining
- HVAC systems – differential pressure control
- Flow control
- Reservoir altitude control

### Principle of Operation

The actuator is mounted on the pilot and mechanically connected to the pilot adjusting screw. It receives a 4–20 mA control signal and drives a high-resolution motor to adjust the pilot set-point.

### Technical & Electrical Data

- **Input:** 4-20 mA
- **Rpm:** 1
- **Power required:** 24 VDC/50 Watts min
- **Feedback:** 4-20 mA output independent of input
- **Operating temperature range:** -30°C to +85°C / -58°F to +185°F
- **Weight:** approx. 2.5 kg / 5.5 lb.
- **Protection rating:** IP68

### Construction materials

- **Cover:** Satin anodized Aluminum
- **Base:** Anodized Aluminum
- **Output shaft:** Stainless Steel
- **Cable:** 22 gauge, Vinyl sleeve
- **Screws:** Stainless Steel

