Modulating globe valve actuator for 2-way and 3-way globe valves
- Actuating force 2500 N
- Nominal voltage AC/DC 24 V
- Control: modulating DC (0) 2 V...10 V
- Nominal stroke 40 mm

### Technical data

#### Electrical data
- Nominal voltage: AC/DC 24 V
- Nominal voltage frequency: 50/60 Hz
- Nominal voltage range: AC 19.2 V...28.8 V / DC 21.6 V...28.8 V
- Power consumption in operation: 4 W
- Power consumption in rest position: 1.5 W
- Power consumption for wire sizing: 6 VA
- Connection supply / control: Terminals 4 mm² and cable 1 m, 4 x 0.75 mm²
- Parallel operation: Yes

#### Functional data
- Actuating force: 2500 N
- Positioning signal Y: DC 0 V...10 V
- Positioning signal Y note: Input impedance 100 kΩ
- Operating range Y: DC 2 V...10 V
- Position feedback U: DC 2 V...10 V
- Position feedback U note: max. 0.5 mA
- Position accuracy: 5% absolute
- Manual override: Gear disengagement with push-button, can be locked
- Nominal stroke: 40 mm
- Actuating time: 150 s / 40 mm
- Sound power level motor max.: 55 dB (A)
- Position indication: Mechanical 5 … 40 mm stroke

#### Safety
- Protection class IEC/EN: III Safety extra-low voltage
- Degree of protection IEC/EN: IP54
- EMC: CE in accordance with 2004/108/EC
- Certification IEC/EN: Certified to: IEC/EN 60730-1 and IEC/EN 60730-2-14
- Mode of operation: Type 1
- Rated impulse voltage supply / control: 0.8 kV
- Control pollution degree: 3
- Ambient temperature: 0 °C ... 50 °C
- Non-operating temperature: -40 °C ... 80 °C
- Ambient humidity: 95% r.h., non-condensing
- Maintenance: Maintenance-free

### Weight
- Weight approx.: 4.320 kg

### Safety notes
- This actuator has been designed for application in stationary heating, ventilation and air-conditioning systems and is not allowed to be used outside the specified field of application, especially in aircraft or in any other airborne means of transport.
- Only authorised specialists may carry out installation. All applicable legal or institutional installation regulations must be complied with during installation.
- The switch for changing the direction of motion/the closing point may be adjusted only by authorised personnel. The direction of stroke is critical, particularly in connection with frost protection circuits.
- The device may only be opened at the manufacturer's site. It does not contain any parts that can be replaced or repaired by the user.

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