



# baelz 7020

## DIGITAL POSITIONER

Installed in baelz 373-E07 motorized linear actuator

Setting with DIP switches and LED or Modbus.

## ADVANTAGES AT A GLANCE

- Self-adaptation (controller, hysteresis, valve runtime)
- Detection and suppression of interference signals
- Error detection and alarm functions - e.g. fail-safe position
- Free WTP parameterisation software (Modbus RTU)
- Comfortable operation and optimized actuator installation
- Variable valve characteristics with high resolution

### baelz 7020 positioner technical specifications

2 output signals	output 1: 0...10 V and output 2: 0...20mA or output 1: 2...10 V and output 2: 4...20mA factory setting: 0...10 V und 0...20mA	Interface	RS485 Modbus RTU with interface converter order no. 5280-051
Input signal	0/2...10 V or 0/4...20 mA Precision 0.1 %	Operation	12 DIP switch / extended operation with free software Winbas Tools Par / Modbus operation
Digital outputs	2 potential-free additional limit switches adjustable, max. 250 V, 4 A, min. contact load digital outputs: 10 V / 100 mA	Power supply	230 V. 50/60 Hz; option 115 V. 50/60 Hz; 24 V. 50/60 Hz;
Digital input	1 adjustable (e.g. summer/winter switchover), I <sub>max</sub> 5 mA, low = 0...5 V DC, high = 9...38 V DC, R <sub>e</sub> = 5 kΩ	Fuse	internal 1.6 A/T
DE supply voltage	24 V DC. I <sub>max</sub> = 5 mA	Power consumption	approx. 5 VA
Connection	PUSH IN spring clamps	Weight	approx. 0.2 kg
		Ambient temperature	0 ... 50 °C
		Ambient humidity	5 ... 90% (non-condensing)

The actuator must be equipped with a 5 kΩ feedback potentiometer

### baelz 7020 wiring diagram

