baelz 7020A

DIGITAL POSITIONER

Installed in motorized linear actuator baelz 373-E45 / baelz 373-E66
Installed in rotary motorized actuator baelz 375-E42
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. Eg fail-safe position
- Free WTP parameterisation software (Modbus RTU)
- Comfortable operation and optimized actuator installation
- Variable valve characteristics with high resolution

baelz 7020A 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 outputs	2 potential-free additional limit switches adjustable, max. 250 V, 4 A, min. contact load digital outputs: 10 V / 100 mA	Fuse	internal 1.6 A/T
Digital input	1 adjustable (e.g. summer/winter switchover), Imax 5 mA, low = 0...5 V DC, high = 9...38 V DC, Re = 5 kΩ	Power consumption	approx. 5 VA
Digital input	1 adjustable (e.g. summer/winter switchover), Imax 5 mA, low = 0...5 V DC, high = 9...38 V DC, Re = 5 kΩ	Weight	approx. 0.2 kg
DE supply voltage	24 V DC, Imax = 5 mA	Ambient temperature	0...50 °C
Connection	PUSH IN spring clamps	Ambient humidity	5...90% (non-condensing)
Positioner includes built-in 5 kΩ feedback potentiometer			

baelz 7020A wiring diagram - example with baelz 373-E45 linear motorized actuator