

Smart PID controller

Features:

- Status LEDs are integrated in a controller
- Function Key and LED display for easy access parameters
- Actual value and set value monitored on display
- Automatic calibration mode via function key
- Fail safe function in case compressed air and power supply failure (Optional)
- No air consumption in idle state
- Suitable for single acting linear actuator
- Direct positioner mounting to valve actuator possible
- PID controlled output
- Default parameter can load and save
- Automatically optimises the valve control during initialization
- Operational/function parameters can read & write via communication
- Diagnostics, alarm codes, monitoring

Technical Data

- Air input - 100ml/min, 280ml/min
- Connection - M-12 3 Pin/8 Pin
- Power supply - 24 VDC \pm 10%
- Set value input - 4 to 20 mA
- Actual value input for positioner linear travel sensor
- Control air - 5 to 7 bar
- Total error - \leq 1%
- Temperature range - 0 °C to 60 °C

Advantages:

- Designed for simple, safe and quick use with linear actuated valves
- Direct or remote mounting of linear position sensor is possible
- Minimal operating costs, no air consumption when idle
- High air output for larger actuators
- Easy & fast commissioning
- Easy to connect & mount
- Precise operation
- Pneumatic and electrical connections are in 360° direction to save space and enable easy access

