

## Controller PID 48

This small controller is a jack-of-all-trades.

Modern programming- operating and control-technology are realized in this unit destined for use in rough handling.

All things were taken into consideration, for an immediate start, easy and safe operation.

After all a superior function ensures simple adaptability to all possible control-functions.



*Quick putting into operation:* The process-parameters can be established with auto-tune and easy modification. The operator is guided, by pressing the buttons, with abridged versions on the display. All settings can immediately be realized by means of the front-buttons.

*Easy manipulation:* The operator will continuously be informed about the actual-value. By pressing a button, the 2.nd display allows reading the nominal-value, %-output or the deviation.

*Efficient controller:* A new developed ASIC allows the quickest response of the nominal - value without excessive overshoot.

### Technical data PID 48

<i>Input:</i>	0 - 10 V or 0 - 20 mA
<i>Measuringcycle:</i>	100 ms, reaction-time: 300ms typ.: 460 ms max.
<i>Accuracy:</i>	0,3% of the range +- 1 Digit
<i>Protecting the data:</i>	EEPROM, min. 10 years
<i>Power-supply:</i>	AC-Version: 85 - 250 VAC, 50-60 Hz, 8 VA DC-Version 18 - 36 VDC / 24V AC
<i>Protection:</i>	from the front IP 65
<i>Housing:</i>	flame- and scratch -resistant tinted plastic material. Housing destined for installation. Front-page can be drawn out. Controllers can be mounted direct together. Dimensions : B 50 x H 50 x T 106 mm. Panel cutout DIN B 45 x 45 mm. Mounting via clamping-screws Electrical connection At the rear - with screw-clip

### Ordering Information:

	18 - 36V DC	85 - 250V AC
PID 48 with Analog-output:	PID 4800011	PID 4800001
PID 48 with Analog-output and MIN MAX Relais:	PID 4810111	PID 4810101
PID 48 with Analog-output and MIN MAX Relais and 2. Analog-input:	PID 4810115	PID 4810105
PID 48 with Analog-output and MIN MAX Relais and interface RS 485:	PID 4810117	PID 4810107
PID 48 with Analog-output and MIN MAX Relais and 2. Analog-output:	PID 481011A	PID 481010A