



Operator panel is a simple programmable panel-mounted device for setting and measuring standard signals in control and adjustment processes: 0...10V, 0/4...20mA. The range of displayed values can be set with push-buttons and displayed as 0...9999 with a decimal point placed in any position. The device features a multi-turn potentiometer for a precision signal setting as well as convenient Stop, Right Start and Left Start push-buttons with pilot light.



Specifications

Supply voltage: 10...30V AC/DC
 Preset signal: 0...10V, 0/4...20mA
 Measured signal: 0...10V, 0/4...20mA
 Scaled preset value display (button display)
 Scaled measured value display (top display)
 Opto-isolated digital outputs to change motor direction
 Left Start, Right Start push-buttons with pilot light
 Precision multi-turn potentiometer
 Operating temperature: -20...60°C
 Installation: panel-mounted, hole 90x90 mm
 Model:
 ZAD-1V2-24

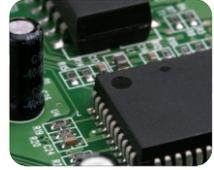
Inputs / Outputs

Supply	
10- 30 VDC/AC	
1	2

Input		Output		Output	
0-10V 4-20mA		Right	Left	0-10V 4-20mA	
- +		T1	T2	- +	
3	4	5	6	7	8
9	10				



Programmable parameters



- [n-00] set value lower limit [-999...0...9999]
 - [n-01] set value upper limit [0...100...9999]
 - [n-02] set value decimal point position [0] 0000
 - [n-03] measured value decimal point position [0] 0000
 - [n-04] voltage/current rise time [1...5...100] s
 - [n-05] voltage/current fall time [1...5...100] s
 - [n-06] analog output control
 - [0] potentiometer set voltage/current is supplied to the output terminals
 - [1] potentiometer set voltage/current is supplied afeter left or right is pressed.
Press stop to reduce set value 0V (0/4mA).
Change in direction will result in voltage drop, change of direction output and increase in voltage/current to set value.
 - [n-07] **parameter removed**
 - [n-08] operation mode is set with jumpers JP1, JP2, JP3 and programmed
 - [0] regulator [0...10V] indicator [0...10V] jumpers JP2, JP3 closed
 - [0] regulator [0...20mA] indicator [0...20mA] jumper JP1 closed
 - [1] regulator [4...20mA] indicator [4...20mA] jumper JP1 closed
 - [n-09] menu lock [0] inactive, [1] active
 - Press and hold stop for min. 5 seconds after power on to unlock
 - [n-10] measured value lower limit [-999...0...9999]
 - [n-11] measured value upper limit [0...100...9999]
 - [n-12] measured value pulsation lower threshold [-999...9999]
 - [n-13] measured value pulsation upper threshold [0...9999]
- STOP = enter/exit menu, START LEFT/RIGHT = change value
factory settings

Wiring diagram

