



TR-U/R.WP

Terminal

Plug-screw terminal
10 pin., max. 2,5 qmm

Input 1:

- 1: Poti begin (-)
- 2: Poti slider
- 3: Poti end (+)

Output , 24V DC motor:

- 4: motor, + = right, - = left
- 6: motor, - = right, + = left

Input 2:

- 7: + input 0-10V
- 8: - input 0-10V (GND)

Power supply:

- 9: - 24V, G0 (GND)
- 10: + ~ 24V, G

Poti: hysteresis adjust
Pin1,8 and 9 are internal
contacted together (GND)

Technical Data

Input 1, pin 1-3 potentiometer	0-... k Ohm Poti, (max.5V) 1 k to 100 kOhm
Input 2, pin 7 input resistor	0-10V DC, 400 kOhm
Output 1-2, pin4 u.6 output current	24V DC, motor actuator max.0,3A, DC power supply max.0,2A, AC power supply
Hysteresis default	1 - 30 % 1 %
Power supply current	24V AC/DC, +-15% max. 0,4A
Operating temperature	-10 - +50°C
Storage temperature	-30 - +80°C
Construction	PCB mount. TS35, EN50022
Weight	100g
Dimensions	24 x 72 x 94 mm (WxHxD)

The converter compares the actuator poti (actual position) input 1 and the setpoint value input 2 (0-10V). The difference controls the rotating direction of the 24V DC motor. If the converter becomes power supply, the motor run to both limits and save this values. The actuator motor moves right or left, if values are out of the dead band (hysteresis) range.

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MOTORDRIVER / COMMUTATING POLE TR-U/R.WP

Input 1	Poti actuator motor (actual position)
Input 2	0-10V DC (setpoint)
Output 1	24V DC, actuator motor (commutating polarity)
Power supply	24 V AC/DC

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