

## MTP Electronic

### Potentiometer for effective speed control of fans with EC motors



- Manual control
- IP54 Casing
- Flush or surface mounting
- 3 different versions

[Find more details in our online catalogue.](#)

### 3 different versions

The MTP series consists of three different versions.

- **MTP 10, 10K, Speed control, stepless**  
*Stepless 0-10V*
- **MTP 20, 20K, Speed control, 3-positions**  
*3 positions, adjust by trimmer:*  
*pos. 1: V-out set between 3 - 7 V*  
*pos. 2: V-out set between 5 - 9 V*  
*pos. 3: V-out: 10 V*
- **Potentiometer MTP 20, 0-10V, 4-positions**  
*3 positions, adjust by trimmer:*  
*pos. 0: Stop*  
*pos. 1: V-out set between 3 - 6 V*  
*pos. 2: V-out set between 6 - 8 V*  
*pos. 3: V-out: supply voltage /100 mA*

### High-demand environments

The MTP controller is suitable for use in challenging environments such as bathrooms, kitchens and swimming pool facilities.

### Combined flush or surface mounting

IP 54 enclosure is achieved with the included surface mounting case. Flush-mounting without the surface mounting case gives IP 44 enclosure.

MTP is a potentiometer series for effective speed and airflow control of electrical fans that can be controlled by a 0-10V analogue signal. MTP potentiometers are designed to be used in combination with motors and controls from which the 10V supply voltage is converted into different output signals, see information about the different versions above.

The IP 54 enclosure is achieved with the included surface mounting case. When the MTP is flush mounted without the surface mounting it has IP44 enclosure.

## Technical parameters

### Nominal data

Rated voltage	10 to 15 V
Voltage type	DC

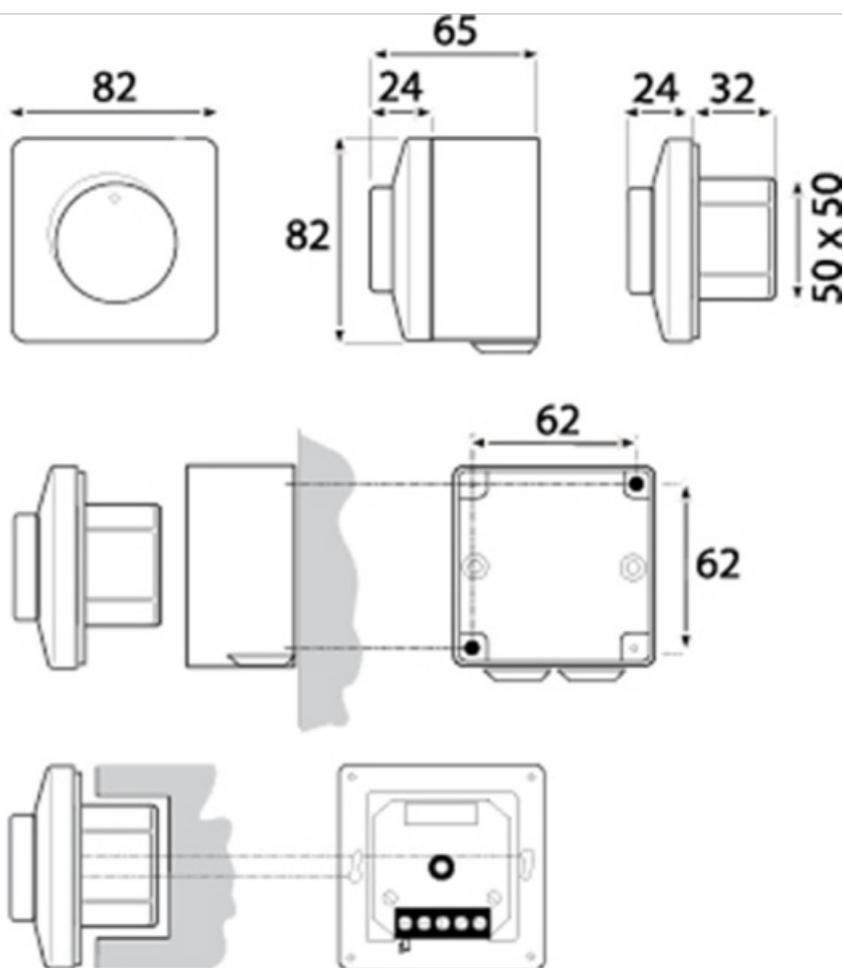
### Ambient and duct temperature

Rangeability	0...10V
Control signal	0...20kOhm

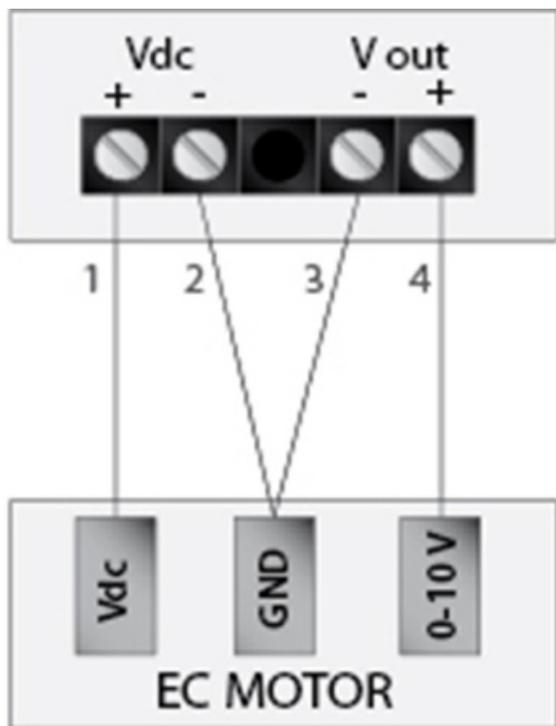
### Dimensions and weights

Weight	0.2 kg
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Dimension



## Wiring



**Red:** voltage output + 10V max. 1.1 mA

**Yellow:** control input 0-10Vdc

**Blue:** GND

## Documents

- [MI-SMT-D-4P-EL\\_EN\\_NL\\_FR\\_DE\\_SYSTEMAIR.PDF](#)
- [EU\\_DECLARATION\\_OF\\_CONFORMITY\\_REE-MTV-MTP\\_EN.PDF](#)