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**Signal Conditioner MUP**
**Connecting Instructions**

## Adjustment of Series MUP 100-0, MUP 100-1 und MUP 150-6

### 1. At first adjust to zero

Move the transducers wiper to the start position of the machine, paying particular attention to the wiper staying within the electrical measurement range of the sensor. Now adjust the output signal by turning the trimming potentiometer (0 = zero point) to 0 V or 0 mA.

### 2. At second adjust the end position

Move the transducer's wiper to the end Position of the machine, also paying particular attention to the electrical measurement range of the sensor. Now adjust the output signal by means of the trimming potentiometer (V = range) to 10 V or 20 mA.

Reiterate the process if necessary, because there exists an insignificant influence between zero point and gain.

## Adjustment of Series MUP 100-4 und MUP 150-5 (4 - 20 mA)

### 1. At first adjust to zero

At first start the adjustment by turning the trimming potentiometer (V = range) against clockwise direction against the hit. Move the transducer's wiper to the start position of the machine by turning the trimming potentiometer (0 = zero point) to 0 mA.

### 2. At second adjust the end position

Now adjust the end Position. Move the transducer's wiper to the end position of the machine. Now adjust the output current using the trimming potentiometer (V = gain) to 16 mA. Now move the wiper to the start position and adjust the output current using the trimming potentiometer (0 = zero point) to 4 mA. Repeat the adjustment of the end position.

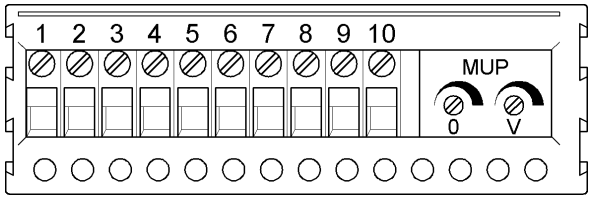
Reiterate the process if necessary, because there exists an insignificant influence between zero point and gain.

## Reversal of the output Signal / exchanging polarity

If you wish to alter the assignment of the output signal to direction of movement of the transducer, exchange pins 6 and 8.

**Connection diagram**

Refer to type label

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