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