

## POT 1

Stepless potentiometer in housing

- infinitely variable speed specification
- ON/OFF function with switch
- Surface-mounted protection class IP54
- Flush-mounted protection class IP44



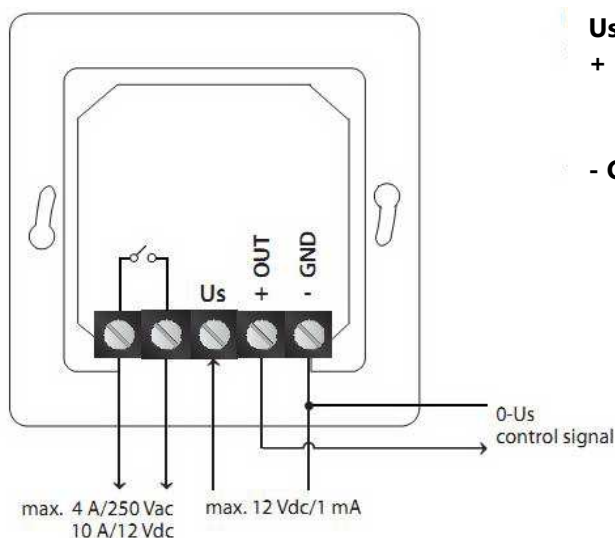
### Description:

Potentiometer for external setting of controllers with 0-10V input and voltage supply  $U_s$  (max. 12 VDC/1mA). The desired output voltage is adjusted steplessly from 0 to supply voltage  $V$  by the rotary button. Additional switch function e.g. for controller enable ON/OFF. Can be used for inset mounting as well as for surface mounting.

### Technical Data:

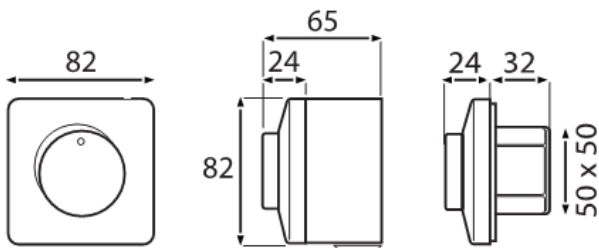
Type	Designation	Art.-No.	Installation / Protection class	Housing	max. ambient temp.	Resistor	Switch rating	Weight
POT1	MTP	H55-00049	Surface mounting / IP54 Inset mounting / IP44	Plastic RAL9010	35°C	10 kΩ	4A/250Vac 10A/12Vdc	140 g

### Wiring Diagram:



- Us** Supply voltage (max. 12Vdc/1mA)
- + Out** output voltage 0...Us  
(max. output voltage depends on applied supply voltage 'Us')
- GND** ground

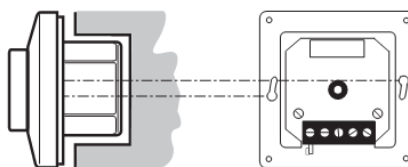
**Dimensions:**



**Installation:**

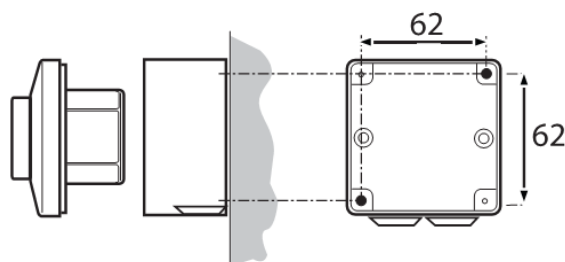
**Flush-mounted IP44:**

Remove rotary knob. Then remove hexagon nut and take off the plastic cover. Now connect the potentiometer pursuant to the wiring diagram (see wiring diagram). Mount the control unit at the provided points. Adjustment of the switching steps (multimeter for voltage measurement necessary), afterwards mount the plastic cover with hexagon nut and firmly press on the rotary knob.



**Surface-mounted IP54:**

Same procedure as for the flush-mounted variation. The potentiometer can be mounted on the surface-mounted housing with the screws included in the scope of delivery. Under extremely high wet conditions an opening in the bottom of the housing has to be drilled (max. 5mm).



**Scope of Delivery:**

- POT1 (Potentiometer stepless)
- Documentation
- Surface-mounted housing
- Fixing screws (Potentiometer on Surface-mounted housing)