

**Potentiometer controller with set**

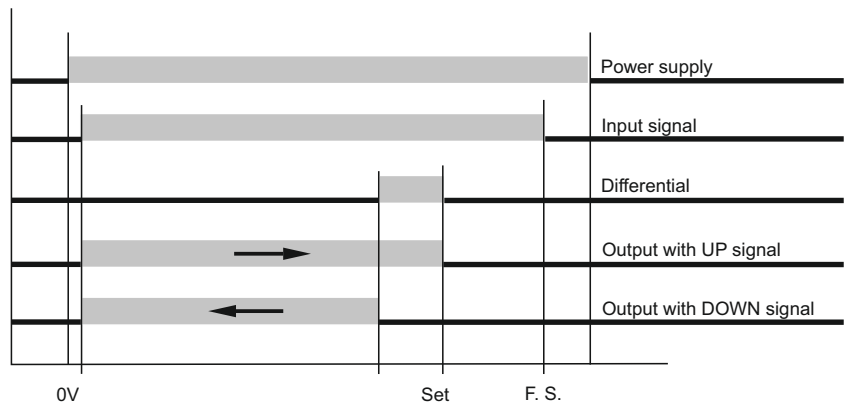

Multi-function microprocessor controller for analogue signal readings, has the possibility of presetting a threshold with relative output within a pre-established intervention window.

The input can be interfaced with a potentiometer and thus create an economic position control.

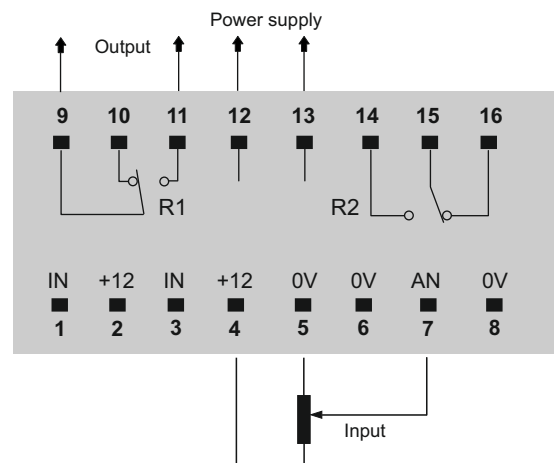
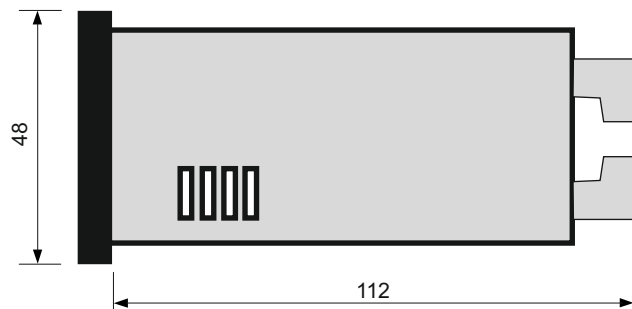
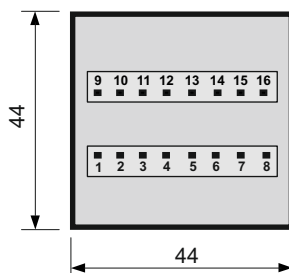
The maximum reading range on the display goes from zero to the maximum value of 9990.

The main parameters are: the zero scale, the full scale, the threshold value, the differential, the refresh time between two readings and the decimal point.

The output relay tripping threshold is shown by the LED on the instrument's front. Data and parameter storage is automatically performed on EEPROM.





**Operating mode**

**Technical features**

Power supply	24- 110 - 230Vac +/- 10%
Absorption	2,5 VA
Input	5 kOhm potentiometer
Output	Relay
Memory	Eeprom
10 bit A/D conversion	Resolution +/- 1 bit on 1024 f.c.
Full scale value	9990
Operation conditions	0.. +55°C / 20..90% R.U. without condensation
Storage conditions	-25.. +80°C / 20..90% R.U. without condensation
Mounting	recessed mounting
Container	Black ABS
Front protection degree	IP65

**Electrical connections**

**Dimensions**








### SET Programming

When the instrument is switched on, the instrument code appears on the display.

Press  **Set**  **Dato Visualizzato** Scroll through the numbers   up to the desired value.

Let it flash; at the end of the flashing the instrument will exit the Programming.

### PARAMETERS Programming




Press together   **dP**  Set the decimal point   Confirm with 


**diF**  Set the Differential value   Confirm with 

**rAt**  Set the reading refresh time   Confirm with 

**0 Sc**  Set the reading starting point   Confirm with 

**F Sc**  Set the full scale value   Confirm with 

**bL-**  Set or remove the negative sign  Confirm with 

Pressing again  you return to the beginning of the Programming Menu.

*If after 5 seconds no operation is carried out the instrument will automatically exit the Programming, storing all the set parameters.*

### Technical Parameters

Technical Parameters displayed in sequence during programming:

- 1) **d.P** = Decimal point to set
- 2) **diF** = Differential. It is the value to set to create an operation window connected to the output.
- 3) **rAt** = Rating. It is the delay set in 1/10 sec. which allows the refreshment between two successive readings suitable for slow variations.
- 4) **0Sc** = Zero Scale. It is the reading starting value that can also have negative values.
- 5) **FSc** = Full Scale. It is the value that is set as the input signal maximum excursion.
- 6) **bL-** = Set or remove the negative sign
- 7) **Set** = Set. E' Il valore che viene impostato al raggiungimento del quale il relè R1 di uscita verrà attivato.