

Universal pulse counter


Very versatile increment-decrement counter suitable for slow counting from mechanical contacts or fast transducers such as proximity, photocontrollers, monodirectional encoders.

If the instrument is programmed to operate incrementally, it starts from zero and counts up to the Set value, enabling the output that remains active until the reset command.

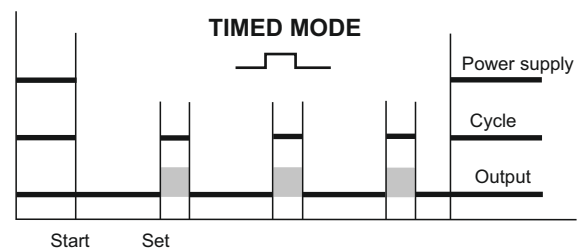
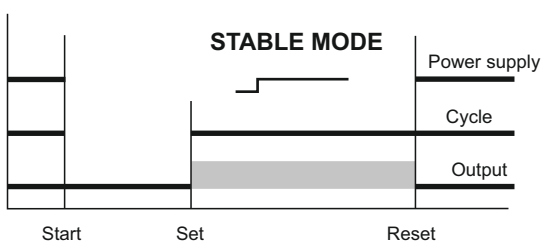
If the instrument is programmed to operate in decrement, it starts to decrease from the preset value to zero, enabling the output that remains active until the reset command.

The output can also operate in two different ways: active at the end of the count up to the reset, or timed with automatic reset in time.

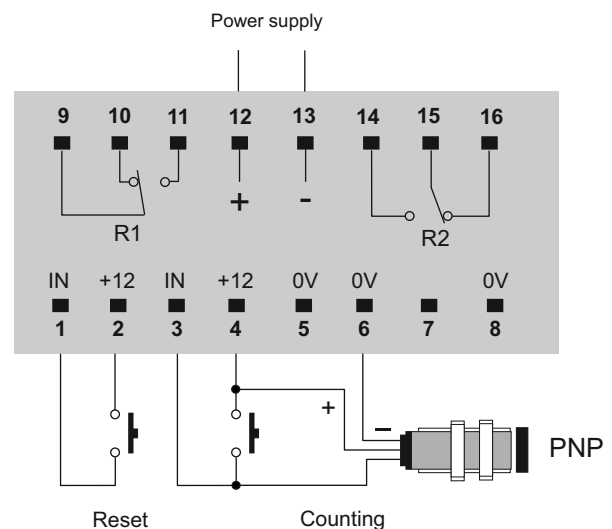
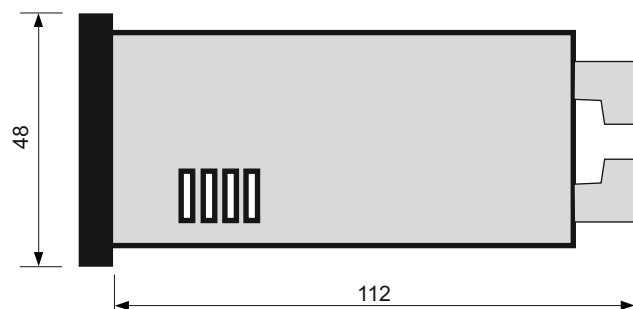
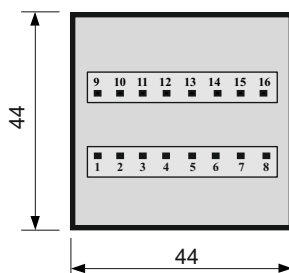
The outputs status is signaled by LEDs placed on the instrument front.

Input power is supplied by the instrument itself.

This tool differs from the standard models because of the adding of an inhibit time for a different counting type.





Operating modes

Technical features

Power supply	24Vdc o 24/110/230Vac +/- 10%
Absorption	2,5 VA
Input	Impulsive PNP
Outputs	Relay
Memory	Eeprom
Count speed	1 KHz
Counting	0 - 9999 full scale
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
Conatiner	Black ABS
Front protection degree	IP65

Electrical connections

Dimensions


SET Programming

When the instrument is activated, the instrument code appears on the display and then the value of the stored count is displayed. Put the instrument in Reset by closing the command between terminals 1 and 2.

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   **PrOg.**  **dP** Decimal Point   Set the decimal point


Press  **dir** Count selection  **InC**  **dEC**




Press  **FrEq** Slow-Fast Counting type  **LEn** 

With operation **LEn**  **tAr** Antibounce time   **0.01** Sec. (Minimum time)
2.00 Sec. (Max time)


Press  **USC** Output selection (see Operation mode)  Stable output at the count end

Press   Timed output at the count end



Press  **t.USC** Active output time **25.0** Max settable time in sec.

Press  **codA** Count queue due to inertia  **Si**  **no**

Press  **T. in** Inhibition time  Set with   **0.0** Sec. (Minimum time)
5.0 Sec. (Max time)

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

If after 5 seconds no operation is carried out, the instrument automatically exits programming, storing all the set parameters and the count digit appears on the display.

  By keeping the two keys pressed for about 2 seconds, the count is reset.