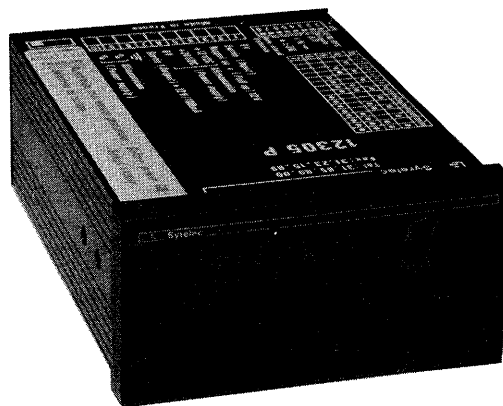


12605

LED UP/DOWN COUNTER

- LED Display 5 Digit 14 mm (.55 in.) High
- Dual Voltage
- Screw Terminal Connection
- Quadrature Inputs
- Counting Speed 10 KHz
- 1500 Hours Memory



GENERAL FEATURES

These counters are designed for positioning (up/down) operation in connection with a shaft encoder. The direction identification is realized by analysis of the 90° out of phase signals.

SPECIFICATIONS

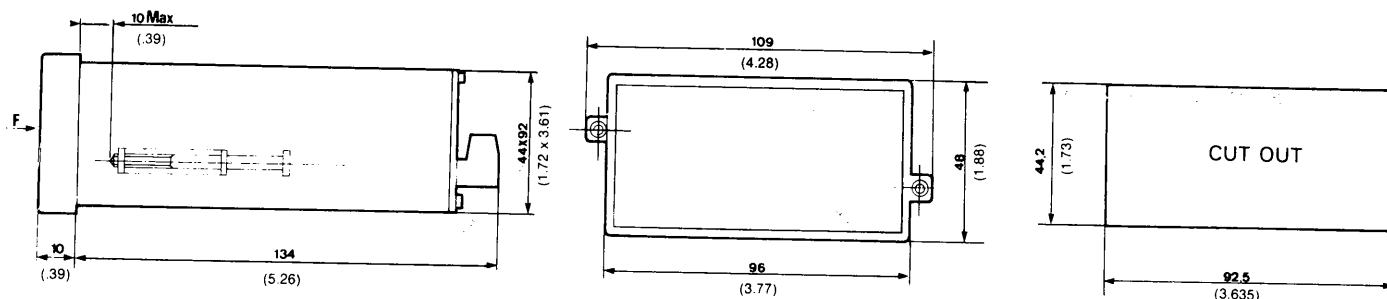
- Display 5 digits 14 mm (.55 in) high LED display always positive (0 to 99999)
- Supply Dual voltage $\pm 10\%$

110/220 VAC] 50/60 Hz
24/48 VAC	
12/24 VDC	
- Manual reset By front situated key (reset enable through dip switch n°1 on the rear of the device).
 RAZ function enable:
 Switch n°1 ON:
 RAZ key can be used
 Switch n°1 OFF:
 RAZ key is locked
- Inputs 2 quadrature inputs (terminals 2 and 3) and latch input (terminal 6)
- Electrical reset The closure of a contact on terminal 5
- Reset input Activates on the low level by a contact or NPN open collector
- Latch input Activates on the low level by a contact or NPN open collector

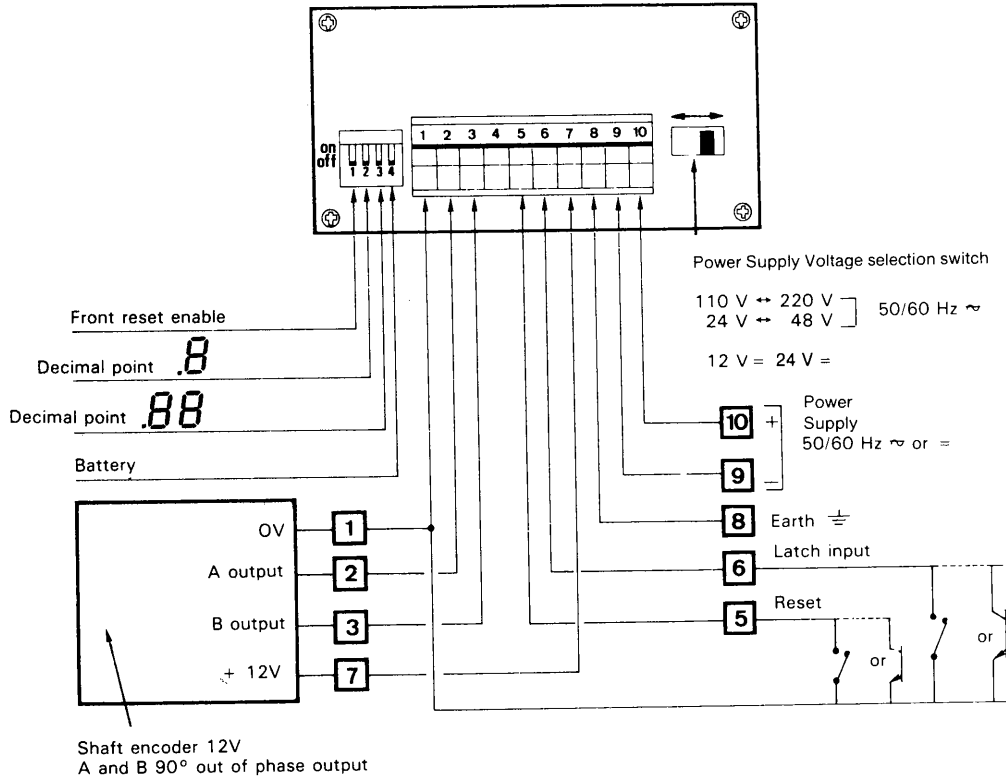
- Input pulses Activate on the rising edge.
 Impedance : 20 K Ω .
 Maximum frequency : 10 KHz.
 Level 1 : from 6 to 30 V 6 mA
 Level 2 : from 0 to 3 V
- Output supply for sensor 12 V $\pm 10\%$ 100 mA (except for 12 VDC version)
- Memory switch number 4 Supply failure back-up : 1500 hours memory by built-in battery charging time of the battery : 24 hours.
 During supply failure, display turns off and the input information is not totalized.
 Switch N°4 ON : memory
 Switch N°4 OFF : storage
- Decimal point location (Switch n°2 and 3)

Switch n° (On position)	Decimal point location
2	XXXX.X
3	XXX.XX

COUNT / RATE



CONNECTIONS 12605 :



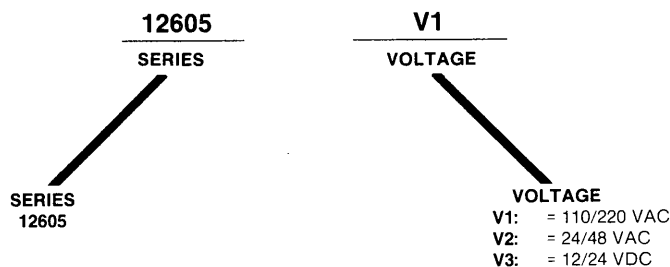
Note : In order to change the direction of the counting invert the wires on 2 and 3 terminals

PHYSICAL

- Box Black aluminum anodized 48x96 mm (1.9x3.78 in)
- Mounting Through panel mounting: Panel thickness 10 mm max. (.4 in)
- Operating temperature 0 to 50°C
- Storage temperature From — 25 to 65°C
- Humidity 80% max. without condensation
- Protection class Nema 12 rubber gasket behind the front frame
- Weight 12.5 oz.

Connection; 10 Pin plug-in connector with screw terminals (1.5 mm² max. leads)

ORDERING INFORMATION:



COUNT/RATE