

# Counters

## Miniature electromechanical pulse counter

### Types E1CT4



- 6/7 digit miniature pulse counter
- Long operating life
- 50mW consumption (on request)
- Without reset
- All AC and DC voltages
- Types to fit DIN 24x48
- IP41

E1CT4

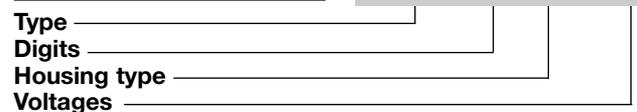
## Product Description

This range of very reliable and durable counters is indicated for applications where small dimensions and low power

consumption is a must: self powered devices, vending machines, automatic message systems.

## Ordering Key

**E1CT4 6 000 013**



Stock items: E1CT46200013 E1CT46200054  
E1CT46200051 E1CT46200056

## Approvals



## Digits

6	6 digits
7	7 digits

## Measuring Specifications

Counting mode	adding
Max pulse speed	10 pulse/s
On time	50ms
Pulse interval	50ms

## General Data

Dimensions of digits	1.7x4mm/0.066"x0.158"
Colour of digit figures	White on Black
Figures shaft	Stainless steel
Power consumption	
AC	0.75VA ≤(115V) 1.5VA (230V)
DC	0.5W (50mW available)
Operating temperature	-10...+50°C/14...122°F
Operating life	>50x10 <sup>6</sup> pulses
Mounting position	Any
Connections	
Panel and surface mount	Flying leads AWG22 150mm length
PCB	Round Ø1.66mm/0.065" pins
Degree of protection	IP41

## Housing Type

000	Grey RAL 7038, without front bezel rear pins (fig.1)
200	Grey RAL 7038, flush mount with clip rear pins (fig.2)
250	Grey RAL 7038, flush mount with clip rear pins (fig.3)
260	Grey RAL 7038, flush mount with clip rear pins (fig.4)
401	Black RAL 9005, flush mount with 2 holes rear pins (fig.5)
500	Anthracite RAL 7021, DIN 24x48 with rear pins (fig.6)
601	Metal blue, PCB pinning steel enclosure (fig.7)
701	Metal blue, PCB pinning steel enclosure (fig.8)
900	Grey RAL 7038, flush mount with clip rear pins (fig.9)
800	Grey RAL 7038, without bezel rear PCB mount (fig.10)
001	Black RAL 9005, back plate mounting (fig.11)

## Voltages

Housing Type	12 VDC	24 VDC	24 VAC	115 VAC	230 VAC
000	012	013	051	054	056
200	012	013	051	054	056
250	012	013	051	054	056
260	012	013	051	054	056
401	012	013	051	054	056
500	012	013	051	054	056
601	012	013	-	-	-
701	012	013	-	-	-
900	012	013	-	054	056
800	012	013	051	054	056
001	012	013	051	054	056

**Dimensions** mm/inches

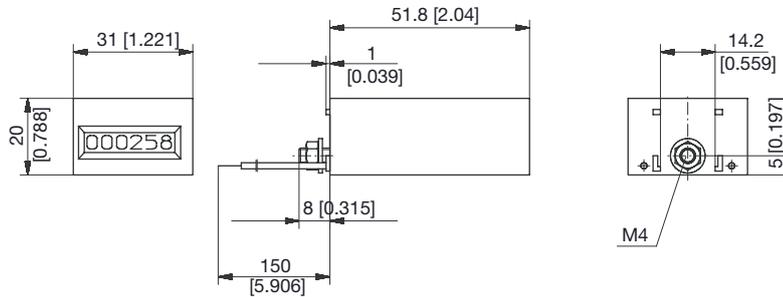


Fig. 1 housing type 000

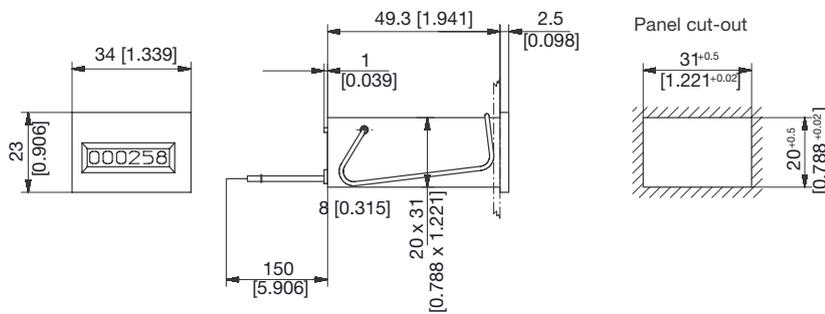


Fig. 2 housing type 200

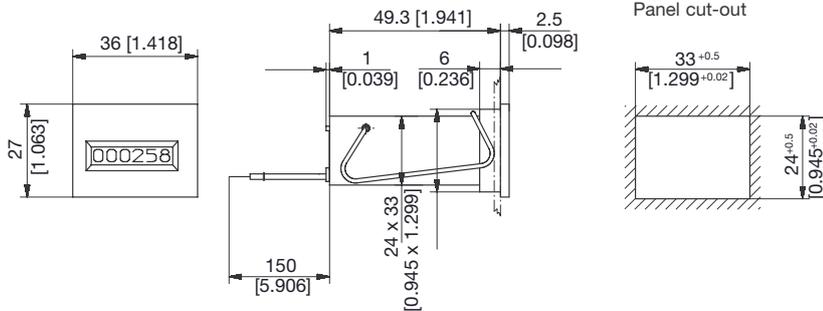


Fig. 3 housing type 250

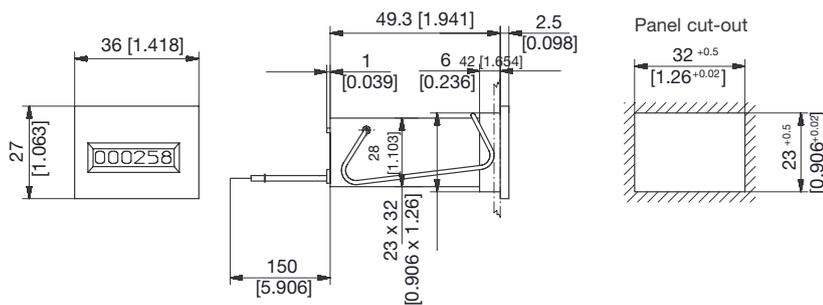
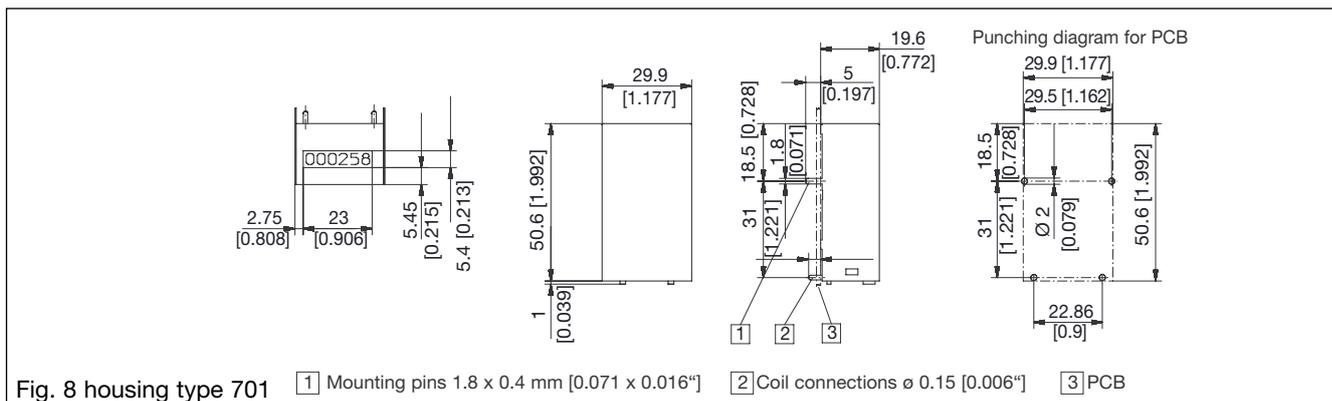
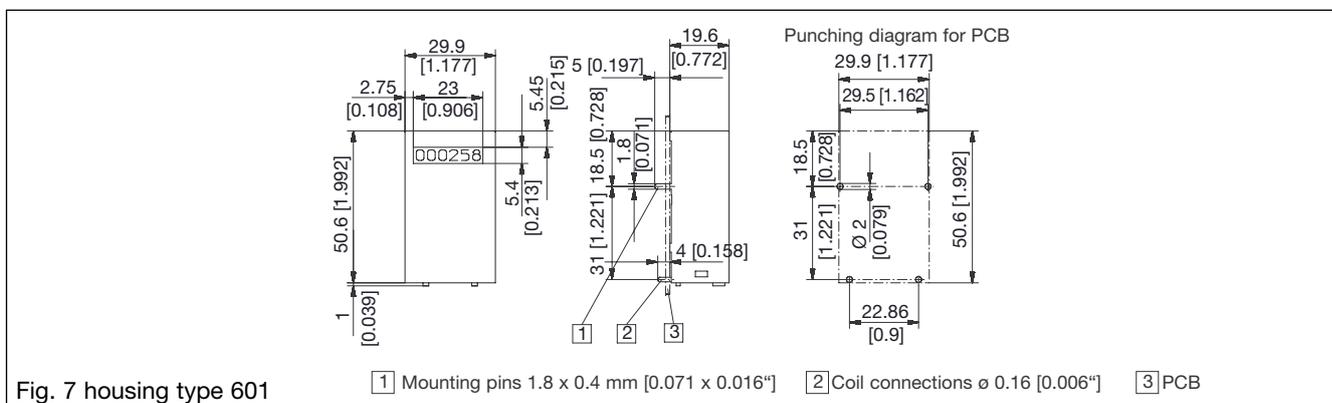
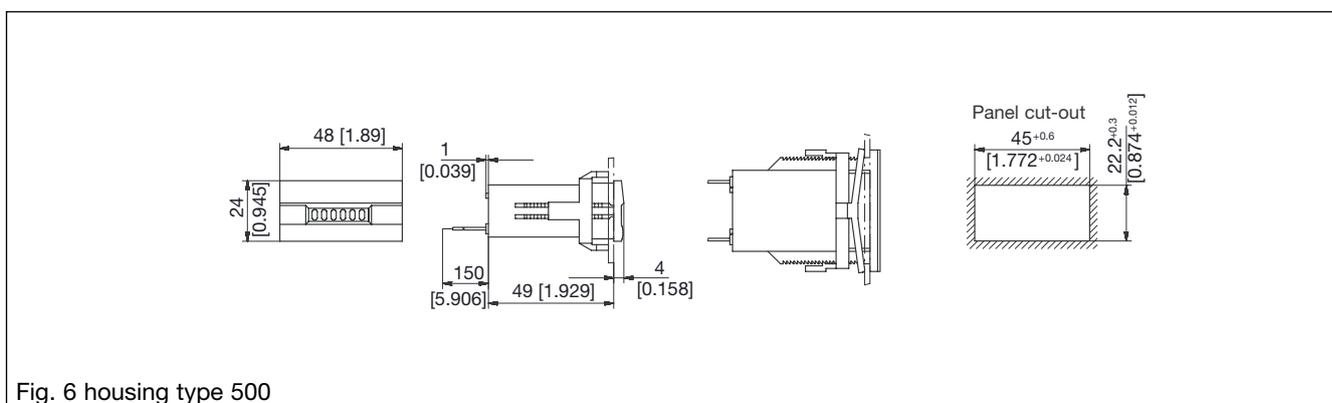
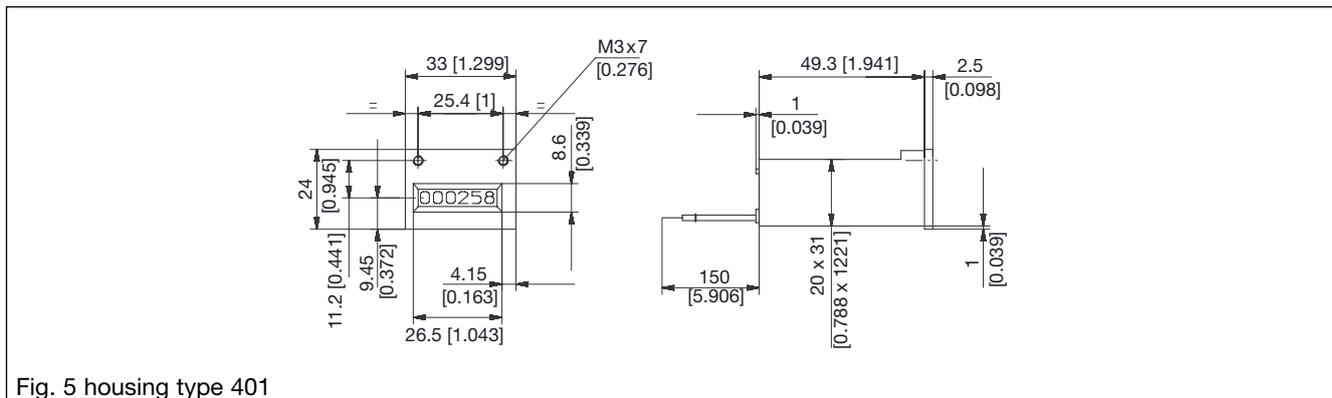


Fig. 4 housing type 260

## Dimensions mm/inches



## Dimensions mm/inches

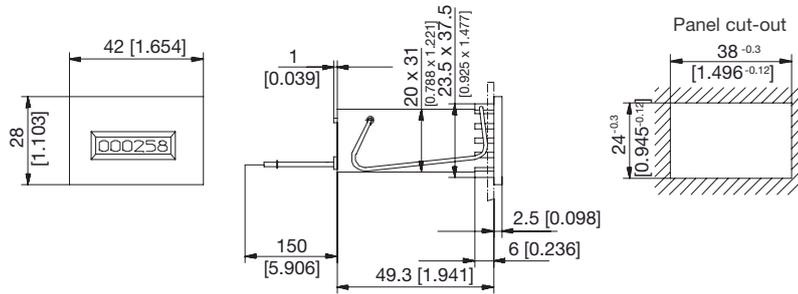
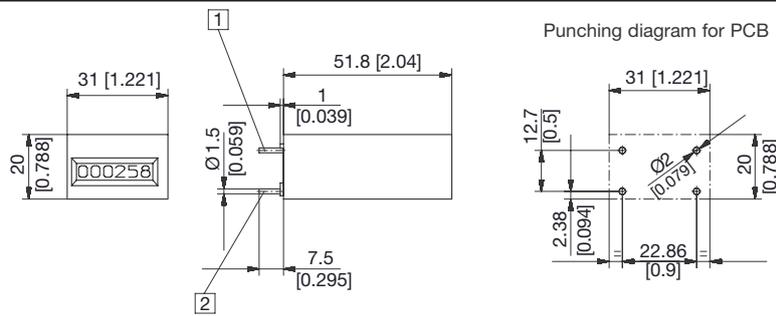


Fig. 9 housing type 900



1 Potential free pins 2 Coil connections

Fig. 10 housing type 800

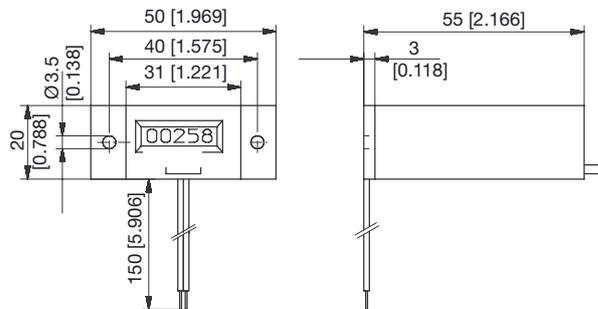


Fig. 11 housing type 001