

# Pneumatic Preset Counter

## Pneumatic Counter 3 or 5 Digit Subtracting

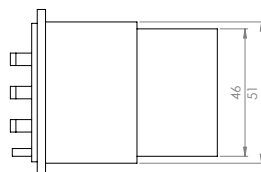
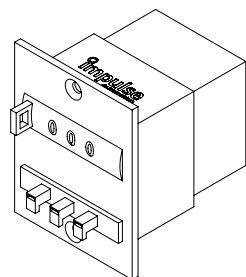
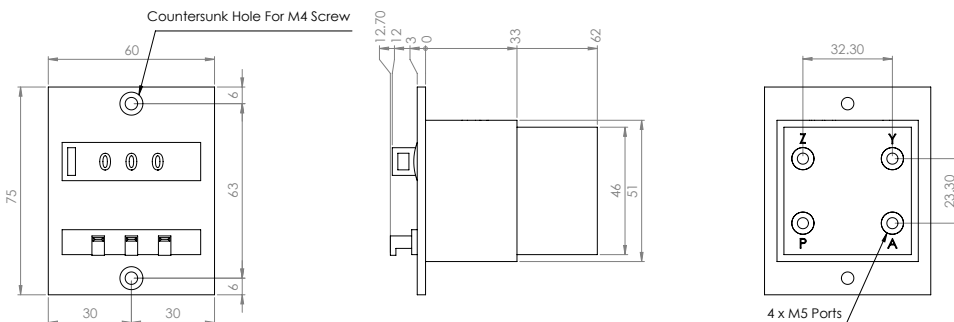
### Technical information

<b>Pressure range:</b>	2 - 8 bar
<b>Temperature range:</b>	0°C...+60°C
<b>Mounting:</b>	Panel mount only, cut out 52 x 52mm
<b>Count setting:</b>	Via manual push buttons (Bottom of display)
<b>Mechanical life:</b>	30 x 10 <sup>6</sup>
<b>Display:</b>	4mm digit height, 1 line of 3 or 5 digits
<b>Protection class:</b>	IP40 when connected, higher protection with covers (front only)
<b>Count frequency:</b>	20Hz (Non-pulse period must drop to 0.15 bar for a minimum of 12ms)
<b>Count pulse length:</b>	8ms minimum
<b>Manual reset:</b>	Front button reset
<b>Pneumatic reset:</b>	Pulse signal to port Y, min pulse length 180ms (1 reset per 2 secs max)
<b>Operating medium:</b>	5 micron filtered, non-lubricated compressed air



Description	Ports	Order code
3 digit subtracting pneumatic counter	M5	<b>50.685</b>
5 digit subtracting pneumatic counter	M5	<b>50.690</b>

### Dimensional drawings



Z = Count pulse input  
Y = Pneumatic reset  
P = Air intake  
A = Output signal

Predetermining subtracting pneumatic counters are equipped with a single line display. Set your predetermined value using the mechanical push buttons. Pneumatic pulses are subtracted from the predetermined start until it reaches zero value. A pneumatic output is then generated, which remains "on" until reset.

**Important note:** A minimum time period between the last count pulse and the pneumatic reset is 50ms.

### Accessories

IP65 transparent sealing covers

Hinged cover with lock Order code: **1.405.614**  
Hinged cover with knob Order code: **1.405.613**

Vestolit cover silver frame Order code: **1.405.404**  
Vestolit cover black frame Order code: **1.405.587**



**Impulse Automation Limited**  
**United Kingdom**  
**Company Registration 665193**