

Pneumatic Preset Counter

Pneumatic Counter 3 or 5 Digit Adding

Technical information

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



| Description | Ports | Order code |
|----------------------------------|-------|------------|
| 3 digit adding pneumatic counter | M5 | 50.695 |
| 3 digit adding pneumatic counter | 4mm | 50.700 |
| 5 digit adding pneumatic counter | M5 | 50.680 |
| 5 digit adding pneumatic counter | 4mm | 50.750 |

Dimensional drawings







Predetermining adding pneumatic counters are equipped with a two line display. Set your target on the lower row of digits using the mechanical push buttons. Pneumatic pulses are counted and displayed on the upper row of digits. Starting from zero the upper row of digits display the total count until it reaches the target (preset) 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.





Hinged cover with lock

Hinged cover with knob

Vestolit cover silver frame Vestolit cover black frame

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

Order code: 1.405.614

Order code: 1.405.613 Order code: 1.405.404

Order code: 1.405.587

