

Pneumatic Preset Counter

Pneumatic Counter 3 or 5 Digit Adding

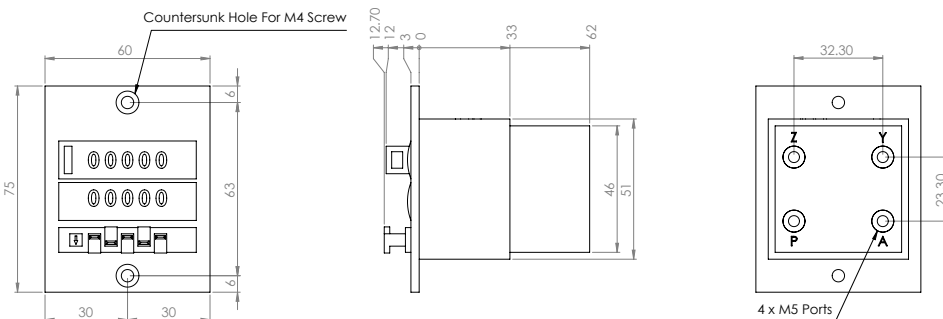
Technical information

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:	4mm digit height, 2 lines of 3 or 5 digits
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



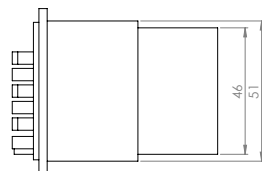
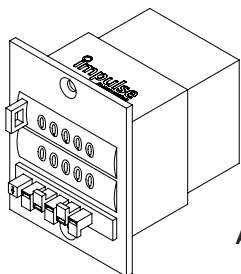
Description	Ports	Order code
3 digit adding pneumatic counter	M5	50.695
3 digit adding pneumatic counter	4mm	50.700
5 digit adding pneumatic counter	M5	50.680
5 digit adding pneumatic counter	4mm	50.750

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.



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

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**



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