Pneumatic Preset Counters

Pneumatic Counter 3 & 5 Digit Adding

Technical information

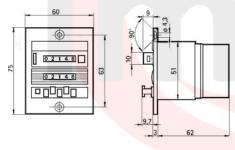|	
Pressure range:	2 - 8 bar
Temperature range:	0˚C...+60˚C
Mounting:	Panel mount only, cut out 52 x 52mm
Count setting:	Via manual push buttons (Bottom of display)
Mechanical life:	30×10^6
Display:	4mm digit height, 2 lines of 3 or 5 digits
Protection class:	IP40 when connected, higher protection with 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

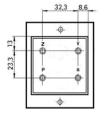| Description	Ports	Order code
3 digit adding pneumatic counter	M5	**50.695**
3 digit adding pneumatic counter	4mm	**50.700**
5 digit adding pneumatic counter	M5	**50.680**
5 digit adding pneumatic counter	4mm	**50.750**

Dimensional drawings

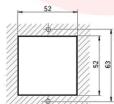
Z = Count pulse input
Y = Pneumatic reset
P = Air intake
A = Output signal

Predetermining adding pneumatic counters have two lines of display. You set your target on the lower line using the mechanical push buttons. Pneumatic pulses are counted and displayed on the upper line. Starting from zero the upper line displays the total count until it reaches the target (pre-determined) value. A pneumatic output is then generated, which remains "on" until reset.

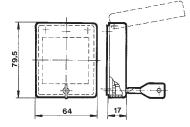**Important note:** A minimum time period between the last count pulse and the pneumatic reset is 50ms.

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**