



The Timer & Counter Company
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Pneumatic Adding Preset Counters - 50.680/695/700

- 3 or 5 digit two line display depending on model
- Manual & pneumatic reset
- Convenient button setting
- M5 ports & 4mm push-on fittings
- Maintenance free operation
- Light & durable

Display	3 or 5 digit depending on version
Digit Height	4mm
Operating Pressure	2....8 bar
Air Quality	Oil free and dry, 5 micron filtered
Mechanical Life	30 x 10 ⁶
Protection Class	IP40
Operating Temperature	0...+60°C
Connection	M5 female threaded ports / 4mm tube barbs
Mounting Position	Panel mounting (cut out 52mm x 52mm)
Count Input	Adding
Pulse Length Min	8ms minimum
Count Frequency max	20Hz
Pulse duty factor	The non pulse period must be long enough to allow pressure to drop to approx. 0.15 bar for a minimum of 12ms
Reset	Manual with button or pneumatic reset minimum pulse length 180ms.
Reset Frequency	1 reset per 2 seconds
Output Signal Duration	From when counter has reached preset until reset Please Note: minimum time period between last count pulse and pneumatic reset is 50ms

Part Numbers

50.680	5 digit pneumatic preset counter M5
50.695	3 digit pneumatic preset counter M5
50.700	3 digit pneumatic preset counter 4mm

Accessories

1.405.613	Protective cover with knob (IP55)
1.405.614	Protective cover with lock (IP55)

Kuhnke Predetermining Adding Pneumatic Counters show 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.

All models include a manual push button to reset (lockable) and a port (Y) for reset by pneumatic pulse.

Alternative Products

Subtracting preset counters 50.685 & 50.690

Disclaimer:

The information shown in this document is for guidance only. No liability is accepted for any errors or omissions. The designer or user is solely responsible for the safe and proper application of the parts, assemblies or equipment supplied.

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