



**The Timer & Counter Company**  
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## Pneumatic Timer - 51.020 Series

- Low cost
- Minimal mounting space required: panel cut out 45 x 22.2mm
- Shows both preset and time elapsed
- M5 female threaded ports
- Maintenance free operation
- Normally closed 3/2 function

Display	Digit roll
Time Range	0.2-3sec, 2-30sec, 8-120 sec or 20-300sec
Operating Pressure	2-6 bar
Air Quality	Oil free and dry, 5 micron filtered
Mechanical Life	5 x 10 <sup>6</sup>
Protection Class	IP40 (IP55 with cover)
Operating Temperature	0...+60°C
Connection	M5 female threaded ports
Mounting Position	Panel mounting with clip or din rail attachment

Input	Timing commences when input 1 is pressurised
Timer Setting	Rotary knob
Output	When set time has elapsed input 1 is connected to output 2

Time Range	0.2-3sec	2-30sec	20-300sec	8-120sec
Repeat Accuracy	+/- 0.1sec	+/- 0.3sec	+/- 3sec	+/- 1.2sec
Setting Accuracy	+/- 0.3sec	+/- 0.6sec	+/- 6sec	+/- 2.4sec

PART NUMBERS	
51.020.33.00	0.2-3sec pneumatic timer
51.020.03.00	2-30sec pneumatic timer
51.020.30.00	20-300sec pneumatic timer
51.020.34.00	8-120sec pneumatic timer

ACCESSORIES	
1.405.611	Protective cover (IP55) with knob
1.405.612	Protective cover (IP55) with lock
51.031.00.00	Din rail attachment M5 ports
51.020.35.00	0.2-2sec Pneumatic reset module (base mount not available)
51.031.00.01	Din rail attachment 4mm push-in

Pneumatic Mini-Timers are a low cost alternative to the classic 54 series pneumatic clock type timer. They are smaller, and ideal for use where short intervals need to be timed. Pneumatic Mini-Timers are 3/2 normally closed, open on time-out.

Designed for panel mounting the Mini-Timer allows the pre-set time to be set, and the running time to reset to be displayed beneath a clear cover. It is based on a clock mechanism. The Mini-Timer has only two ports, using input port 1 as the control port (via internal connections). Exhaust air escapes through the body. Setting the timer is easy. Use the control knob to set the required time delay. When air is supplied to port 1, the timer will start to operate. Time to 0 is displayed. On reaching 0 the timer operates and an output to port 2 is given. The valve remains in this condition until air to port 1 is removed, or pulsed to reset

### Alternative Products

Kuhnke 54 series clock-face timer, for longer time intervals.

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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