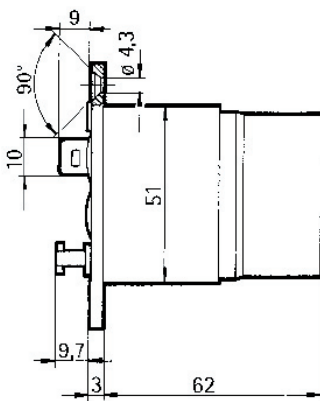
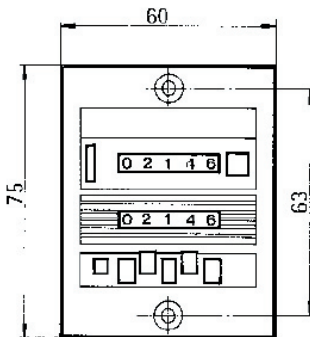


## Pneumatic Subtracting Preset Counters - 50.685/50.690



- 3 or 5 digit single display depending on model
- Manual/pneumatic reset
- Convenient button setting
- M5 ports
- 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 <sup>6</sup>  |
| Protection Class       | IP40 (IP55 with cover)  |
| Operating Temperature  | 0...+60°C   |
| Connection             | M5 female threaded ports  |
| Mounting Position      | Panel mounting (cut out 52mm x 52mm)  |
| Count Input            | Subtracting   |
| 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 approx 12ms                       |
| Reset                  | Manual with button or pneumatic reset<br>minimum pulse length 180ms   |
| Reset Frequency        | 1 reset per 2 seconds   |
| Output Signal Duration | From when the counter has reached 0 until reset.<br>Please Note: minimum time period between last count pulse and pneumatic reset is 50ms |

### Part Numbers

|        |                                  |
|--------|----------------------------------|
| 50.685 | 3 digit pneumatic preset counter |
| 50.690 | 5 digit pneumatic preset counter |

### Accessories

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

Kuhnke predetermining subtracting pneumatic counters show one line of display You set your starting display by using the mechanical push buttons. Pneumatic pulses are counted and the display then counts down from your predetermined start, to zero. A pneumatic output is then generated, which remains "on" until reset

### Alternative Products

Versions are available with 4mm fittings.

### 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.

Downloaded from: [www.kuhnke.co.uk](http://www.kuhnke.co.uk) / [www.thetimerandcountercompany.com](http://www.thetimerandcountercompany.com)