Timer Drain Valves
For Compressed Air Systems

General Description:
Parker Fluid Control’s Timer Drain Valves automatically eliminate condensate that has collected up in compressed air lines.

These timers can be used on a wide variety of our 2-way solenoid Normally Closed valves as well as 3-way valves for piloting our larger Angle Body control valve, using DIN 43650A / ISO 440 coils.

Timers are available to control both the duration and frequency of the valves energized period during which condensate is evacuated.

Installation:
Preferred orientation is with the coil vertical and upright.

Standard Materials of Construction:
Body – Brass
Seals – FKM
Plunger/Stop – Stainless steel (430F)
Sleeve – Stainless steel (304/305)
Springs – Stainless steel (18-8)
Shading Ring – Copper

Electrical Characteristics:
Standard Voltages
AC – 24-240/50-60Hz
DC – 24-240 VDC

Coil Classification
Class F Standard
Class H Available

Agency Approvals
• UL listed and CSA certified
• Meets NEMA Type 4X requirements
• CE Certification

Maximum Ambient Temperature
• -23º F to 122ºF for Timer
• See Product Page for Valve Temperature Range

Key Features:
• Selectable Timer Ranges for duration and frequency to precisely match contaminant load
  – 0.5 - 10 seconds ON
  – 0.5 - 45 minutes OFF
• Integral Strainer available to prevent contaminant from affecting valve operation
• Manual reset & test button
• LED’s to indicate operation
• Rated for Continuous Duty

Applications:
• Air Compressors
• Air Drying Systems
• Refrigerated Dryer Systems

Parker Hannifin Corporation
Fluid Control Division
1 800 825 8305 (1 800 Valve05)
www.parker.com/fcd
# 2-Way Pilot Operated Brass Timer Drain Valves – Normally Closed, FKM Seals

<table>
<thead>
<tr>
<th>Port Size</th>
<th>Orifice Size</th>
<th>CV Factor</th>
<th>Operating Pressure Differential (PSI)</th>
<th>Max. Fluid Temp. (F)</th>
<th>Pressure Vessel Number**</th>
</tr>
</thead>
<tbody>
<tr>
<td>NPT</td>
<td>(inch)</td>
<td></td>
<td>Min.*</td>
<td>AC Ratings 10 watt</td>
<td>DC Ratings 10 watt</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>7/16</td>
<td>1.75</td>
<td>3</td>
<td>150</td>
<td>60</td>
</tr>
<tr>
<td>1/4&quot;</td>
<td>7/16</td>
<td>1.75</td>
<td>3</td>
<td>300</td>
<td>45</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>7/16</td>
<td>2.5</td>
<td>3</td>
<td>300</td>
<td>45</td>
</tr>
<tr>
<td>1/2&quot;</td>
<td>7/16</td>
<td>2.7</td>
<td>3</td>
<td>300</td>
<td>45</td>
</tr>
</tbody>
</table>

*Pilot operated valves require the minimum pressure differential specified for proper valve operation.


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**Valve Reference D60**

2-Way Normally Closed

Port Identification:
Flow arrow on body indicates flow direction.
Ports are not marked.