Dual-Flow Dispensing Valve
For the Fuel Dispensing Market

General Description:
Parker Fluid Control Division’s Dual-Flow solenoid valves are designed to control two flow rates on command. The valves are actually two valves in one compact assembly using a single dual-wound coil.

The valves accurately dispense a predetermined amount of liquid by providing a high-flow (full-flow) for delivery of the bulk amount, and then switch to the low-flow mode to dispense the final amount required.

Installation:
Valves can be mounted in any position.

Mechanical Characteristics:
Flow Sequence
Off-Low-High-Low-Off

Standard Materials of Construction:
- Body – Brass
- Seals – fluorocarbon (FKM)
- Sleeve – stainless steel
- Plunger – stainless steel (430 FR)
- Diaphragm – NBR
- Shading Ring – copper
- Springs – stainless steel

Enclosure
Explosion proof, 1/2" conduit, NEMA Type 7 (UL Class I, Groups C & D)

Electrical Characteristics:
Standard Voltages:
- AC – 120/60 110/50
- DC & other voltages – consult factory

Power Consumption
- High flow - 15 watts
- Low flow - 8 watts

Agency Approvals
UL listed and CSA certified (ATEX and IECEx available upon request)

Coil Classification
Class F taped with 3 gasoline vapor resistant lead wires.

Applications:
- Fuel dispensing
- Pre-pay
- Process industries (blending/mixing/batching)
- Petrochemical
- Refining
- Food
- Pharmaceutical

Maximum Ambient and Fluid Temperature
104°F

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### 2-Way Normally Closed - XLG Fuel Dispensing - Brass

<table>
<thead>
<tr>
<th>Port Size NPT</th>
<th>Orifice Size</th>
<th>Flow Factor Cv</th>
<th>Operating Pressure Differential PSI</th>
<th>Max. Media Temp. °F</th>
<th>Seal</th>
<th>Pressure Vessel Number</th>
<th>Reference</th>
<th>Coil</th>
<th>Valve</th>
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</thead>
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<tr>
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<td>3/4</td>
<td>3/32</td>
<td>5.5</td>
<td>0.17</td>
<td>5</td>
<td>50</td>
<td>140</td>
<td>FKM</td>
<td>XLG20600 * D54</td>
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<td>1/16</td>
<td>13</td>
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<td>FKM</td>
<td>XLG201530 * D55</td>
</tr>
</tbody>
</table>

*Consult factory for coil/enclosure selection

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**Valve Reference D54**

![Wiring Schematic with Flow Status Switches](image)

- **Wiring Color Code**:
  - RED: Switch A
  - BLACK: Switch B
  - GREEN: Ground (Optional)
  - YELLOW: New Voltage

- **Flow Status Switch Position**:
  - FULL FLOW: Switch A Open, Switch B Closed
  - LOW FLOW: Switch A Closed, Switch B Open

- **Dimensions**:
  - 1/2 NPT
  - 3/4 NPT

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Parker Hannifin Corporation
Fluid Control Division
1 800 825 8305 (1 800 Valve05)
www.parker.com/fcd

www.comoso.com
Valve Reference D55

Valve Reference D61

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