

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)



Specialty

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

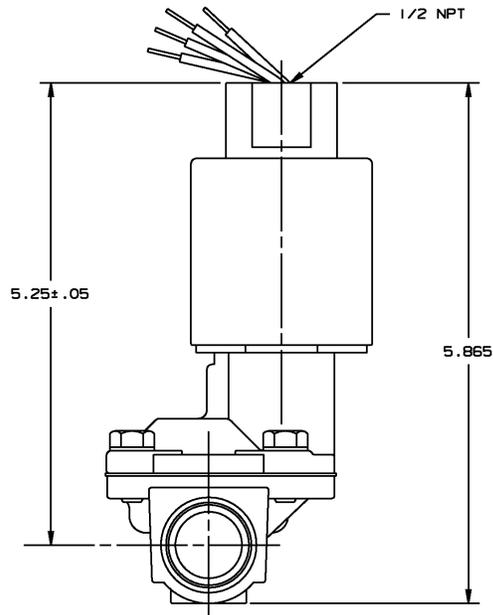
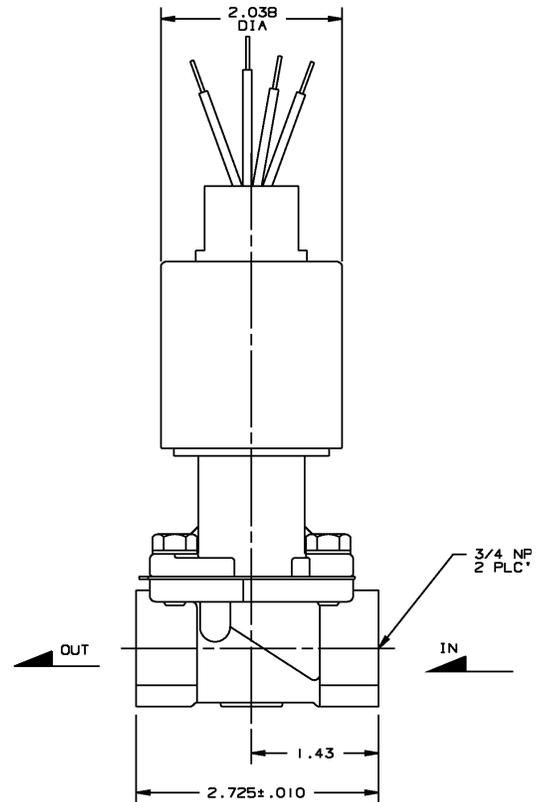
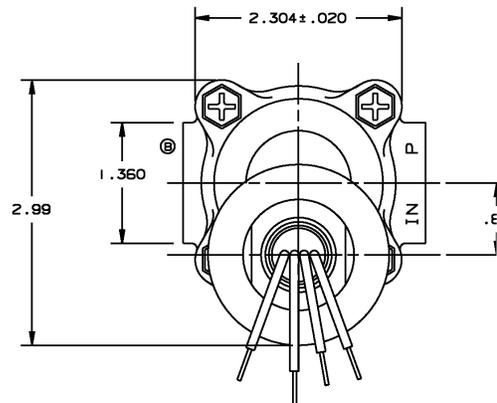
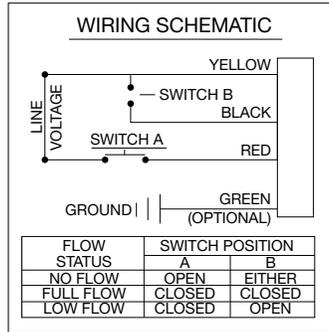


2-Way Normally Closed - XLG Fuel Dispensing - Brass

Port Size NPT	Orifice Size		Flow Factor Cv		Operating Pressure Differential PSI		Max. Media Temp. °F	Seal	Pressure Vessel Number	Reference	
	Full Flow	Low Flow	Full Flow	Low Flow	Min.	Max AC				Coil	Valve
3/4	3/4	3/32	5.5	0.17	5	50	140	FKM	XLG20600	*	D54
1	1-1/2	1/16	13	0.12	5	50	140	FKM	XLG201030	*	D61
1-1/2	1-1/4	1/16	21	0.12	5	50	140	FKM	XLG201530	*	D55

*Consult factory for coil/enclosure selection

Valve Reference D54



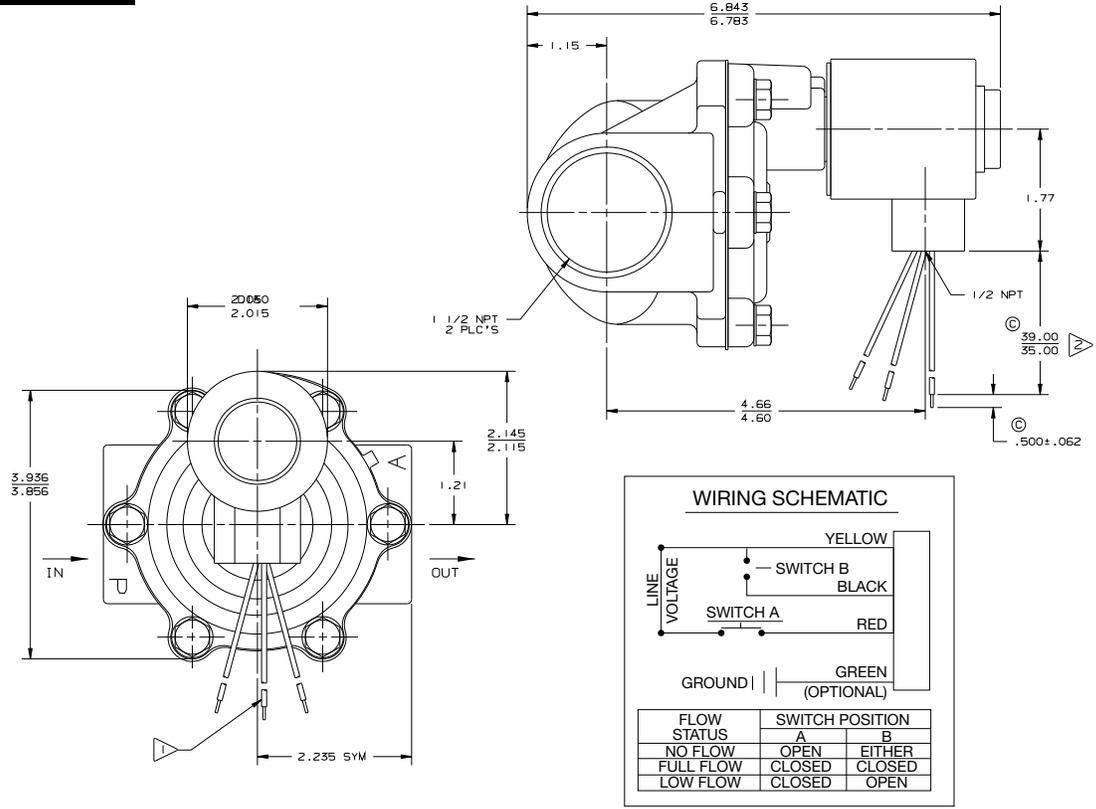
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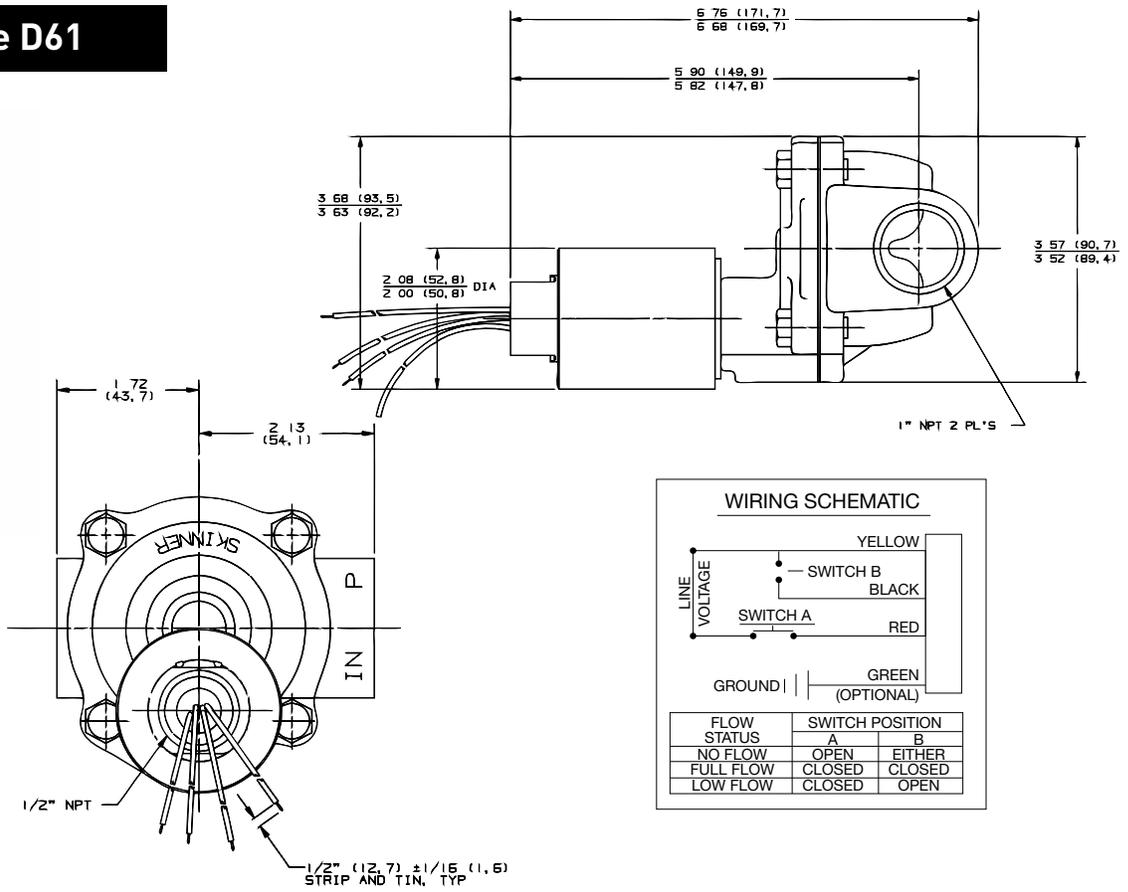
D68

Parker Hannifin Corporation
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www.parker.com/fcd

Valve Reference D55



Valve Reference D61



Specialty



