

Solenoid-driven Slider Valve (Under development)

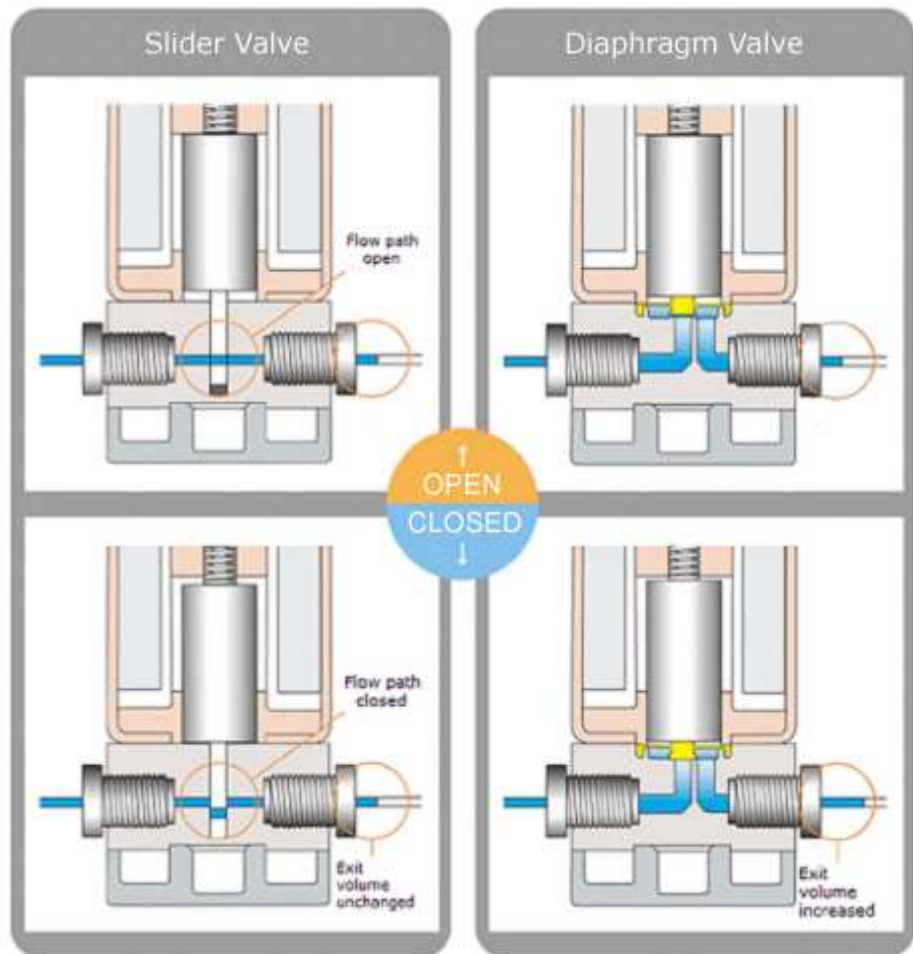


Image of the inner structure

- Pumping volume has negative effects on analysis accuracy and precise fluid dispensation. Through the incorporation of part of the flow path into a sliding structure, this pumping volume is reduced to almost zero.
- The elimination of excess internal volume has reduced cross-contamination.
- Exhibits an impressive increase in operating pressure.
- Utilization as a sample injector is now possible.
- PTFE etc. is used as the wetted material

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PTFE seal type

Features

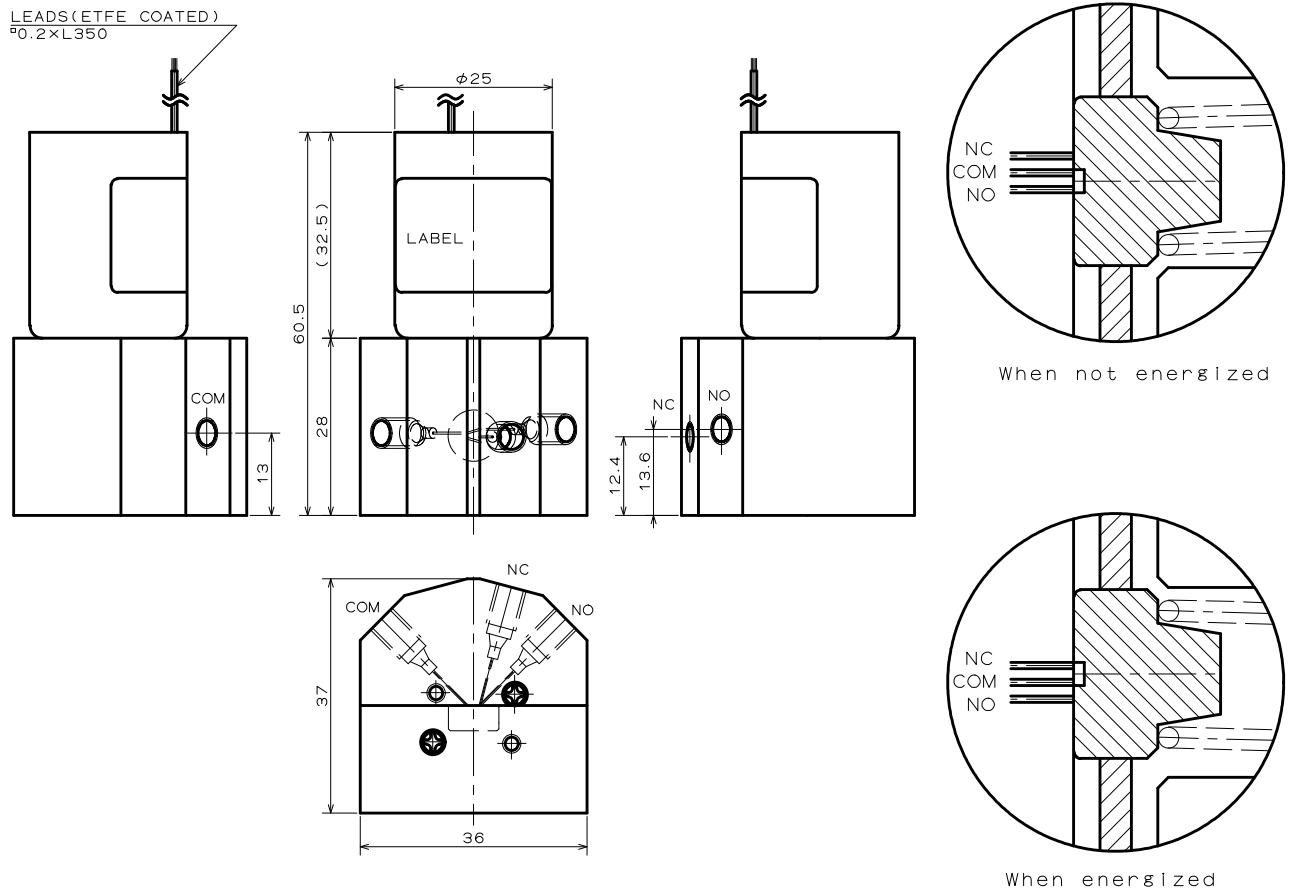
- Only highly inert resins used as wetted materials
- Longer lifetime achieved through the inclusion of a spring in the seal part

Specifications

Model Number	Pending	
Type	2-Way (N.C./N.O.)	3-Way
Orifice Diameter	Effectively 0.3mm	
Port Connection	No.10-32UNF	
Operating Pressure Range	IN:0 - 500kPa OUT:0 - 500kPa	COM:0 - 500kPa N.C./N.O.:0 - 500kPa
Fluid Temp. Range	20-50 °C	
Ambient Temp. Range	20-50 °C	
Voltage	12/24VDC	
Power Consumption	Pending	
Duty Cycle	Intermittant	
Coil Temp. Increase	Max. 70 degrees C From Ambient Temperature	
Insulation Class	B	
Dielectric Strength	AC1500V 60S	

Wetted Materials	Seal	PTFE
	Body	PEEK

Dimensions



Note: Specifications etc. may be changed at any time without notice.