

Automation
Simplified...



Solenoid Valve

Angle Seat Valve

Rotary Coupling

Pneumatic Directional Control Valve

Actuator

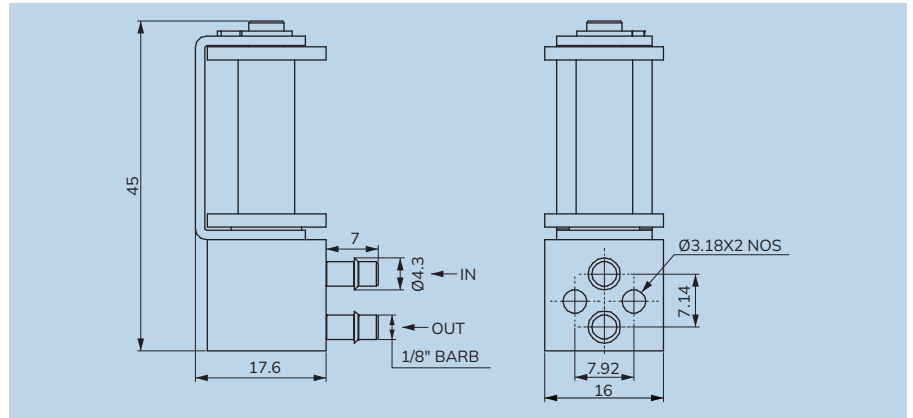
Cylinder

One Touch Fitting

Ball Valve

Butterfly Valve

Country of Origin - INDIA



Specifications

Valve Type:	2 Way Normally Closed Proportional Valve
Port:	1/8" BARB, Manifold Mounting
Body Material:	Brass
Seal:	NBR Optional FKM, Viton
Media:	Air, Oxygen, Nitrous Oxide, Carbon Dioxide, Heliox & Other Medical Gases
Main Features :	Flow adjustment, Opening time adjustment, Quick release initial flow adjustment
LPM:	6LPM @ 10PSI Differential Pressure
Operating Environment:	32°F to 132°F (0°C to 55°C)
Storage Temperature:	-40°F to 158°F (-40°C to 70°C)
Dimensions:	L-17.6mm, W-16mm, H-45mm
Weight:	58g
Power:	9V DC (2 Watts)
Electric Termination:	15" Lead Wire
Stem Base:	Stainless steel
All Others:	NBR/FKM, Stainless Steel, Aluminium(Manifold)

NOTE: Contact for customized configuration: eg custom calibration and electrical connections.

Features

- ☒ Low power consumption generates less heat
- ☒ Proven performance tested to 100 million life cycles
- ☒ Uses either DC current or pulse width modulation with closed loop feedback to deliver optimal system performance.

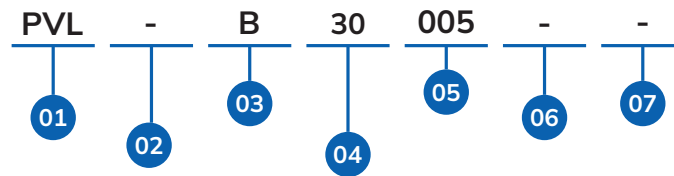
Applications

- ☒ Ventilators
- ☒ Anesthesia Delivery & Monitors
- ☒ Insufflators
- ☒ Pressure and Flow Control

Performance Characteristics

Leak Rate:	<0.2 sccm of helium (bubble tight)
Hysteresis:	25% of full scale current (Max)
Response time:	10ms Typical
Reliability:	100 Million Cycles, 0.95 Reliability Factor, 95% Confidence Interval

PVL- SERIES PROPORTIONAL (LOW) FLOW CONTROL SOLENOID VALVE MODEL CHART



01	SERIES
	PVL

02	PRODUCT TYPE
-	Proportional Valve

03	PORT SIZE
M	Manifold Mounted
B	1/8" Barb

04	PRESSURE RANGE
30	30 PSI
10	10 PSI

05	LPM
008	8 LPM
015	15 LPM
005	5 LPM
001	1 LPM

06	CONFIGURATION
-	Regular
C1	CONFIG 1
C2	CONFIG 2
C3	CONFIG 3
"	"
"	"
"	"
C9	CONFIG 9
CA	CONFIG 10
CB	CONFIG 11

07	VERSION
-	VERSION 0
V1	VERSION 1
V2	VERSION 2
V3	VERSION 3
"	"
"	"
"	"
V9	VERSION 9
VA	VERSION 10
VB	VERSION 11