Uflow®
Automation
INDIA

PROPORTIONAL FLOW CONTROL SOLENOID VALVE - MAX (HIGH FLOW)

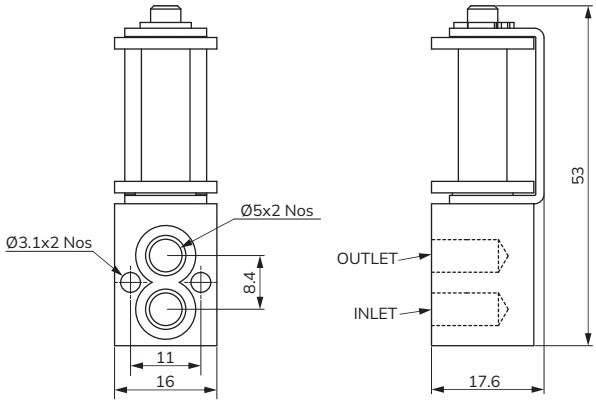
Automation Simplified...

Solenoid Valve | Angle Seat Valve | Rotary Coupling
Pneumatic Directional Control Valve | Actuator
Cylinder | One Touch Fitting | Ball Valve
Butterfly Valve

Country of Origin - INDIA

Proportional Flow Control Solenoid Valve - MAX (High Flow)

Uflow Automation



Specifications

Valve Type:	2 Way Normally Closed Proportional Valve
Port:	Manifold Mounting
Body Material:	Brass
Seal:	Silicon
Media:	Air, Oxygen, Nitrous Oxide, Carbon Dioxide, Heliox & Other Medical Gases
LPM:	150LPM @ 35PSI 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-53mm
Weight:	56g
Power:	12V DC (2.5 Watts)
Electric Termination:	15" Lead Wire
Stem Base:	Stainless steel
All Others:	Silicon, VITON, Stainless Steel, Aluminium(Manifold)

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

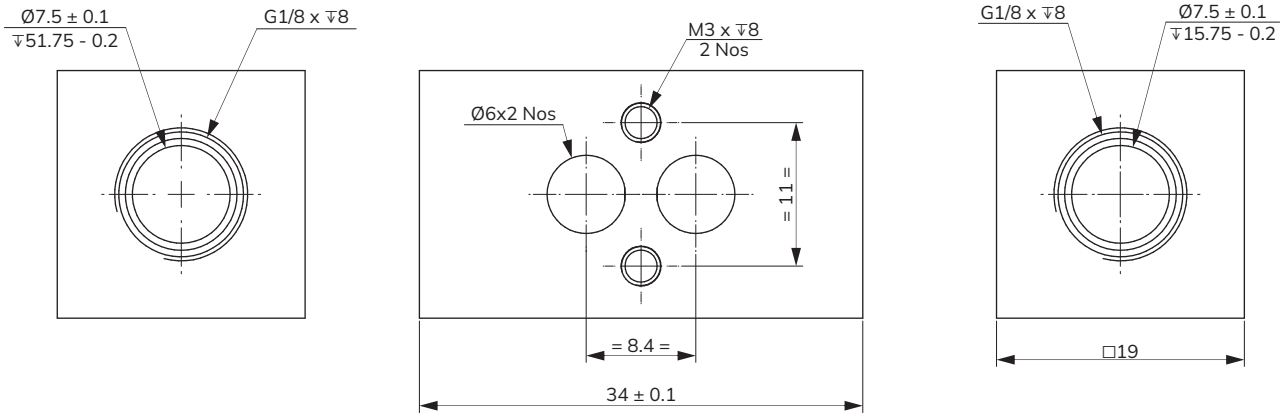
- ☑ Ventilators
- ☑ Anesthesia Delivery & Monitors
- ☑ Insufflators
- ☑ Pressure and Flow Control

Performance Characteristics

Leak Rate:	The leakage shall not exceed the following values: Internal: 5.0 sccm of Air up to 101 psi (7 bar) External: 0.5 sccm of Air up to 101 psi (7 bar)
Hysteresis:	25% of full scale current (Max)
Response time:	10ms Typical
Reliability:	100 Million Cycles, 0.95 Reliability Factor, 95% Confidence Interval

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

Manifold Dimensions



NOTE: In order to provide the best possible solution for your application, please provide the following requirements when contacting Applications Engineering:

☑ Media, Inlet & Outlet Pressures ☑ System Supply Voltage ☑ Minimum Required Flow Rate ☑ Media & Ambient Temperature Range

PROPORTIONAL SOLENOID VALVE MODEL IDENTIFICATION CHART

I	B	S	M	30	015	-	V0

PRODUCT TYPE		BODY MATERIAL		SEAL MATERIAL		PORT SIZE		PRESSURE		LPM		CONFIGURATION		VERSION	
I	PROPORTIONAL VALVE	B	BRASS	V	VITON	M	MANIFOLD MOUNTED	37	10 PSI	008	8 LPM	BLANK	REGULAR	V0	VERSION 0
				S	Silicon	B	1/8" BARB	30	30 PSI	015	15 LPM	C1	CONFIG 1	V1	VERSION 1
								45	45 PSI	150	150 LPM	C2	CONFIG 2	V2	VERSION 2
								35	35 PSI	005	5 LPM	C3	CONFIG 3	V3	VERSION 3
								60	60 PSI	080	80 LPM	⋮	⋮	⋮	⋮
												C9	CONFIG 9	V9	VERSION 9
												CA	CONFIG 10	VA	VERSION 10
												CB	CONFIG 11	VB	VERSION 11

IBSM30015V0

MANIFOLD MOUNTED PROPORTIONAL VALVE BRASS-SILICONE-30 PSI-15 LPM

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Note : The above chart is for identification purposes only, and it may not be possible to make all combinations for the above chart.

Global Presence...

Made In India

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