Measure Monitor Control

M22

Pneumatic Valve - Two Way - Normally Closed

Benefits & Features

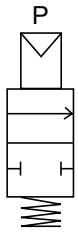


- Two way normally closed with spring return air operated valve
- Installation in any position
- Suitable for gaseous and liquid media
- Brass, Nickel Plated Brass or 316 Stainless Steel
- 1/4" to 1/2” BSP or NPT ports

Specification

Configuration	Pilot piston
Port Sizes	1/4” to 1/2” BSP or NPT
Orifice	see data table below
Body	Brass or 316 stainless steel (1/4” & 3/8” body only)
Media	Gaseous or liquid media. Subject to material compatibility
Pressure ranges	0-80 Bar
Min. Operating pressure	1/10 of exercise pressure with a minimum pressure of 1 Bar, max. 10bar
Seals	see order codes table

Configuration



In:	IN
Out:	OUT
At Rest:	IN and OUT closed
Air in P:	IN to OUT

Technical Data

Model							Port Size BSP or NPT	Orifice mm	Nominal Max. Nominal Max.	Pressure in Bar			Flow Factor KV (L/Min.)
										Differential			
	A		B	C	D	E				Min.	Max. NBR/VITON	Max. PE Seals	
M22		50					¼”	5	80	0	30	80	6.5
M22		70					⅜”	7	80	0	30	80	12.5
M22		13					½”	13	80	0	30	80	40

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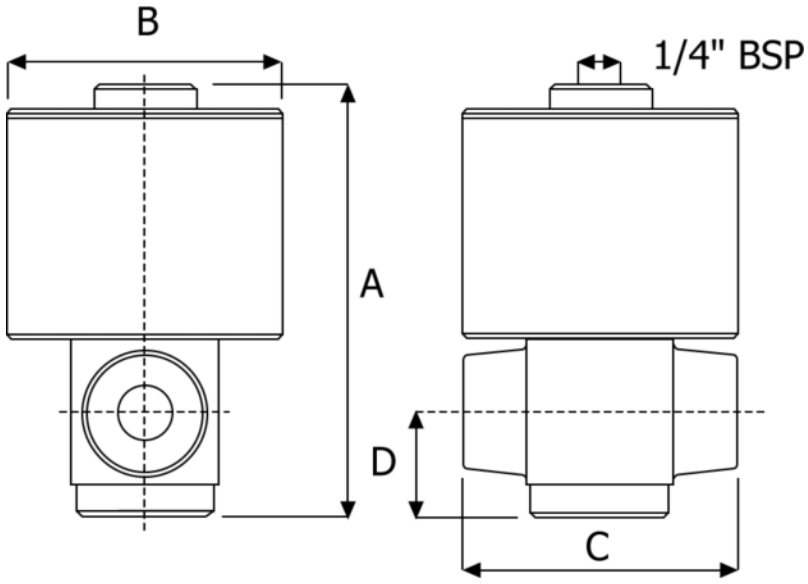
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Weights & Dimensions

Port	Weight Kg	Dimensions mm			
		A	B	C	D
1/4”	1.2	92	60	60	23
3/8”	1.6	92	60	70	23
1/2”	2.2	119	75	90	38



Seal Kits



Seal Material	Port Size (Brass Body)			Port Size (Stainless Steel Body)	
	¼”	⅜”	½”	¼”	⅜”
NBR	KGM/M22T50.0	KGM/M22T70.0	KGM/M22T11.0	KGM/M22I50.0	KGM/M22I70.0
VITON	KGM/M22T50.1	KGM/M22T70.1	KGM/M22T11.1	KGM/M22I50.1	KGM/M22I70.1
PE	KGM/M22T50.8	KGM/M22T70.8	KGM/M22T11.8	KGM/M22I50.8	KGM/M22I70.8

Order Codes

A	Body	B	Port			C	Seals (fluid temp. min / max)	D	Options
T	Brass	C	1/4” BSP	D	1/4” NPT	0	NBR (-10°C to + 70°C)	/SF	Silicone Free
N	Nickel Plated Brass	E	3/8” BSP	T	3/8” NPT	1	VITON (-10°C to + 90°C)	/SG	Degreased for oxygen service
I	316 Stainless Steel*	F	1/2” BSP	G	1/2” NPT	8	PE (-10°C to + 90°C)		
* ¼” & ⅜” bodies only									

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