



系列  
V6

# FLOTECT® 微型防爆流量开关

流量

范例	V6	EP	B	B	S	2	B	MT	V6EPB-B-S-2-B-MT flow switch; brass upper housing, brass lower housing, brass tee with 3/4" NPT connections, SPDT snap switch, and high temperature option
系列	V6								Series V6 flow switch
结构		EP							Explosion proof
主体上部			B	S					Brass Stainless Steel - add \$22.75
主体下部				B	S				Brass Stainless Steel - add \$31.50
开关					S	D			SPDT DPDT - add \$23.25
三通连接尺寸						1 2 3 4 5 6 LF			1/2" NPT 3/4" NPT 1" NPT 1-1/4" NPT 1-1/2" NPT 2" NPT Low Flow Model (1/2" NPT connections)
三通材料							MI FS B S O		Iron Forged Steel Brass Stainless Steel No tee, field trimmable vane (For LF Model no tee material chosen, tee material matches lower housing choice)
选项								CSA AT MV MT VIT	CSA approved construction with junction box - add \$40.00* ATEX approved construction with junction box - add \$60.00 Gold contacts on snap switch for dry circuits (see specifications for ratings) - add \$7.70 High temperature option rated 400°F (205°C) (see specifications for ratings)* - add \$23.25 Viton® O-rings in place of Buna-N on low flow models - add \$2.50

\*Options that do not have ATEX.

## V6 设定点对照表 - 工厂安装三通

空气的流量动作值/无动作值 (大约) 上面数据单位为 SCFM。下面数据单位为 LPM		
管道尺寸	动作值	不动作值
1/2"	6.50	5.00
	180	120
3/4"	10.0	8.00
	300	240
1	14.0	12.0
	420	360
1 1/4"	21.0	18.0
	600	540
1 1/2"	33.0	30.0
	960	840
2	43.0	36.0
	1200	1020

冷水的流量动作值/无动作值 (大约) 上面数据单位为 GPM。下面数据单位为 LPM		
管道尺寸	动作值	不动作值
1/2"	1.50	1.00
	5.667	3.83
3/4"	2.00	1.25
	7.5	4.67
1	3.00	1.75
	11.33	6.67
1 1/4"	4.00	3.00
	15.17	11.3
1 1/2"	6.00	5.00
	22.67	18.9
2	10.00	8.50
	37.83	32.2

## V6 库存型号

型号	尺寸	主体下部	三通
V6EPB-B-S-1-B	1/2"	Brass	Brass
V6EPB-B-S-2-B	3/4"	Brass	Brass
V6EPB-B-S-3-B	1"	Brass	Brass
V6EPB-B-S-4-B	1-1/4"	Brass	Brass
V6EPB-B-S-5-B	1-1/2"	Brass	Brass
V6EPB-B-S-6-B	2"	Brass	Brass
V6EPB-B-S-1-MI	1/2"	Brass	Iron
V6EPB-B-S-2-MI	3/4"	Brass	Iron
V6EPB-B-S-3-MI	1"	Brass	Iron
V6EPB-B-S-4-MI	1-1/4"	Brass	Iron
V6EPB-B-S-5-MI	1-1/2"	Brass	Iron
V6EPB-B-S-6-MI	2"	Brass	Iron
V6EPB-S-S-1-MI	1/2"	SS	Iron
V6EPB-S-S-2-MI	3/4"	SS	Iron
V6EPB-S-S-3-MI	1"	SS	Iron
V6EPB-S-S-4-MI	1-1/4"	SS	Iron
V6EPB-S-S-5-MI	1-1/2"	SS	Iron
V6EPB-S-S-6-MI	2"	SS	Iron
V6EPB-S-S-1-FS	1/2"	SS	FS
V6EPB-S-S-2-FS	3/4"	SS	FS
V6EPB-S-S-3-FS	1"	SS	FS
V6EPB-S-S-4-FS	1-1/4"	SS	FS
V6EPB-S-S-5-FS	1-1/2"	SS	FS
V6EPB-S-S-6-FS	2"	SS	FS
V6EPB-S-S-1-S	1/2"	SS	SS
V6EPB-S-S-2-S	3/4"	SS	SS
V6EPB-S-S-3-S	1"	SS	SS
V6EPB-S-S-4-S	1-1/4"	SS	SS
V6EPB-S-S-5-S	1-1/2"	SS	SS
V6EPB-S-S-6-S	2"	SS	SS
V6EPB-B-S-6-O	No Tee	Brass	None
V6EPB-S-S-6-O	No Tee	SS	None
V6EPB-B-S-LF	1/2"	Brass	LF, Brass
V6EPB-S-S-LF	1/2"	SS	LF, SS

## V6 低流量设定点对照表

1/2" 管中最小 - 最大流量		
介质	动作值	不动作值
GPM-水	.04-0.75	.03-0.60
LPM-水	.15-2.84	.11-2.27
SCFM-空气	.18-2.70	.15-2.0
LPS-空气	.09-1.3	.07-.95

压降 (压头损失) 与设定值与流速都有关系。一般的, 表中所列动作点的压降为 5-10 psid (0.34-0.69 bar), 在其它流速处的压降会有不同, 它与流速的变化成比例。