

# Flow Switch VEFS1 Series

VIGOUR

## Product Feature

- Flow thru design free of deadlegs or unswept zones
- SS 316L VAR secondary remelt material
- The product is fabricated in compliance with the VS001A process specification
- Vacuum to 3,500 psig (241 bar)

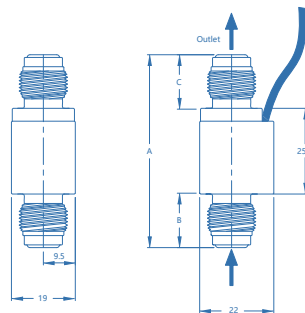
## Technical Data

Source pressure:	vacuum to 3500 psig (241 bar)
Flow trip reference points:	25/50/100 slpm (N2 at 100 psig)
Accuracy:	±10%
Installation orientation:	Vertical within 8° and inlet port at the bottom
Operating temperature:	-10~175°F (-23~80°C)
Body:	SS 316L VAR
Inlet / Outlet:	1/4" tube weld / VFS fitting
Leakage (Outboard) :	2x10 <sup>-10</sup> mbar l/s He
Reed Switch ——	
Type:	SPDT, 3 wire / 2 position
Power:	30VDC / 3W max
Switching current:	0.2A max
Carrying current:	0.5A max
Initial contact resistance:	0.1 Ohm max
Cable length:	3m
Wire gauge:	24AWG



Cable——
Blue: common
Brown: normally closed
Black: normally open

## Dimensions (mm)



Connections (Inlet-Outlet)	Dimensions (mm)		
	A	B	C
MV4-MV4	57.2	15.9	15.9
FV4-FV4	101.4	38	38
TW4-TW4	57.2	15.9	15.9
MV4-FV4	79.3	15.9	38
MV4-TW4	57.2	15.9	15.9
FV4-MV4	79.3	38	15.9
FV4-TW4	79.3	38	15.9
TW4-MV4	57.2	15.9	15.9
TW4-FV4	79.3	15.9	38

## Ordering Information

**VEFS1 - SLV - MV4 - MV4 - 100**

### Material

SLV: SS 316L VAR

### Inlet / Outlet

MV4: 1/4"VFS male

FV4: 1/4"VFS female

TW4: 1/4"tube weld

### Flow

025: 25 slpm

050: 50 slpm

100: 100 slpm

