

Product Feature

- Ultrahigh cycle life with high-speed actuation
- Normally open and normally closed pneumatic actuation
- Switch position sensor optional
- The product is fabricated in compliance with the VS001A process specification
- Suitable for ultrahigh-purity applications
- Modular surface-mount, tube butt weld, and VFS end connections
- Opening and closing time of less than 5ms
- Fully swept flow path facilities
- Thermal isolation coupling optional



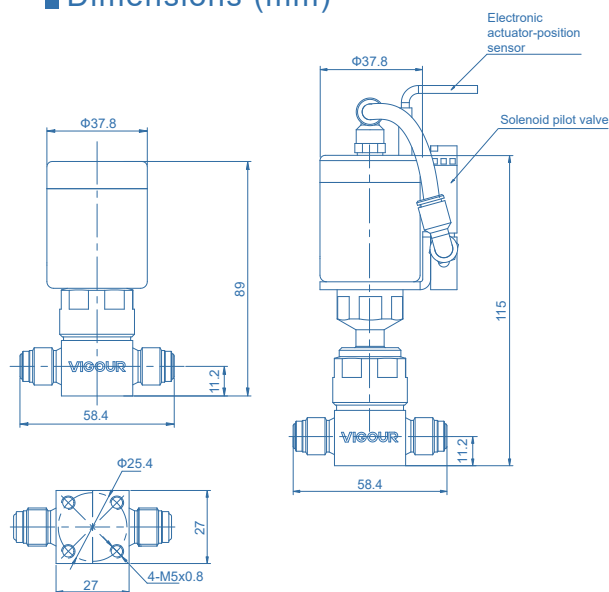
Technical Data

Max. Working Pressure:	150 psig (10bar)
Nominal Diameter:	Φ4.1
Working Temp.:	-9°F ~ 399°F (-23°C ~ 200°C)
	Body Max. Temp 200°C

Materials

Body:	see ordering info
Diaphragm:	Elgiloy®
Seat:	High purity PFA
Flow capacity:	Cv=0.27
Weight:	approx. 1.54kg

Dimensions (mm)



Ordering Information

VALD3 S - PO - MV4 - MV4 - S - V

Type

- 3: Max. Working Temp. 120°C
- 3T: Max. Working Temp. 200°C

Materials

- S: 316L
- SLV: 316L secondary remelt

Actuator

- PO: pneumatic actuator, normally opened
- PC: pneumatic actuator, normally closed

End Connection

- TW4: 1/4" tube weld
- FV4: 1/4" VFS (F)
- MV4: 1/4" VFS (M)

* Other connection standard, consult factory

Optional

- None: Without solenoid pilot valve
- V: Solenoid pilot valve

Optional

- None: Without electronic actuator-position sensor
- S: Electronic actuator-position sensor

