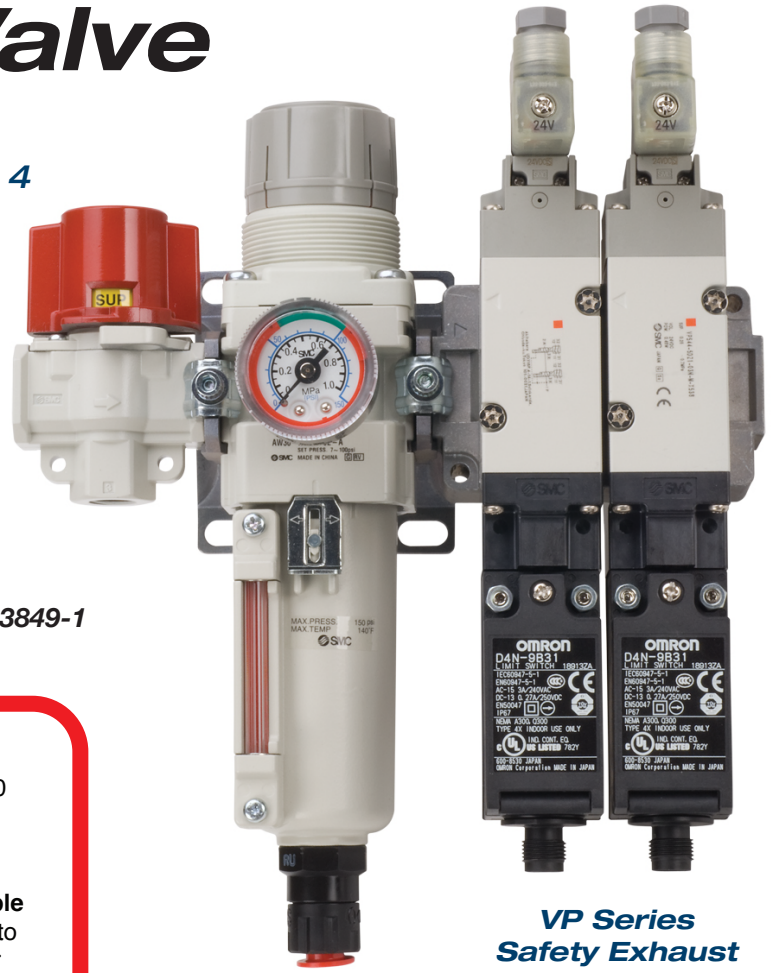


# Safety Shut-off and Exhaust Valve

Applies to Safety Standard  
EN ISO13849-1 Category 3 & 4

- Dual monitored safety shut-off and residual pressure release valve
- Quickly exhaust residual pressure during safety stop condition
- Valve spool position monitoring by limit switch that can be connected to safety controller
- Compliant with Performance Level e of ISO13849-1



Modular  
Air Preparation

VP Series  
Safety Exhaust  
Valve

### Modular Construction

Can be installed to existing SMC airline preparation (FRL) products

### High Exhaust Flow Rate

Cv up to 9 (VG) and 2.1 (VP)

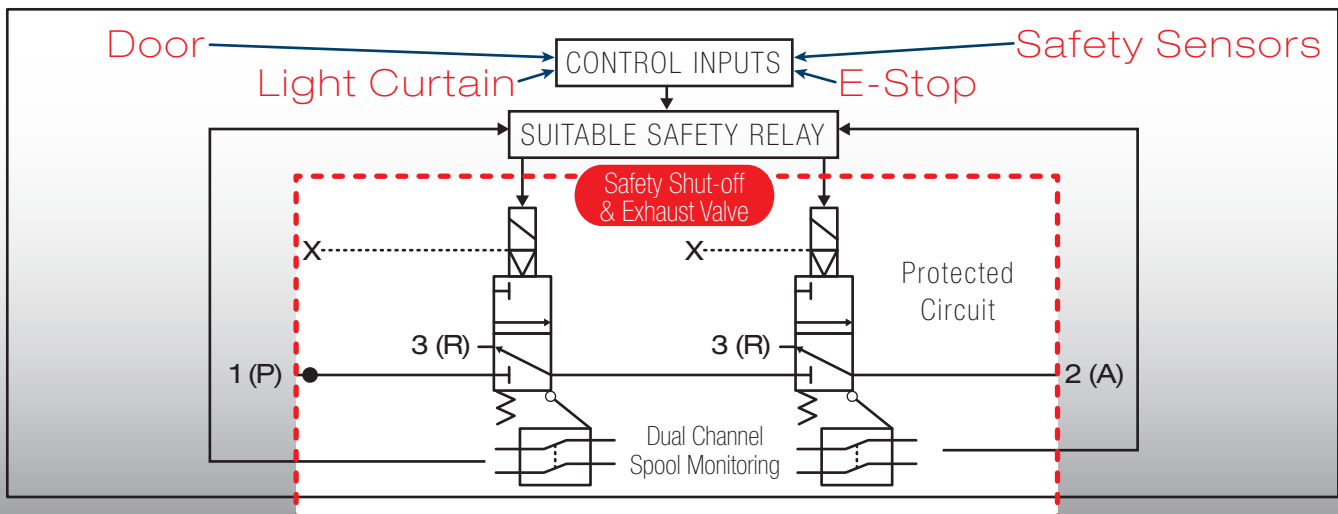
### Durable

B10 (MTTFd): 900,000 cycles (VG) and 1,000,000 (VP)

### Washdown compatible

IP65 enclosure rating to ensure dust and water tight construction

## Typical Installation Circuit



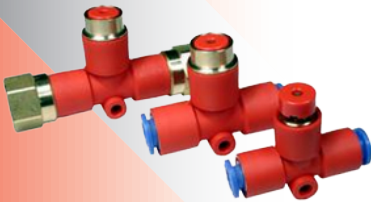
**Compliant to ISO13849-1 Category 3 & 4**

**Related Products**

● **Air Preparation Products**



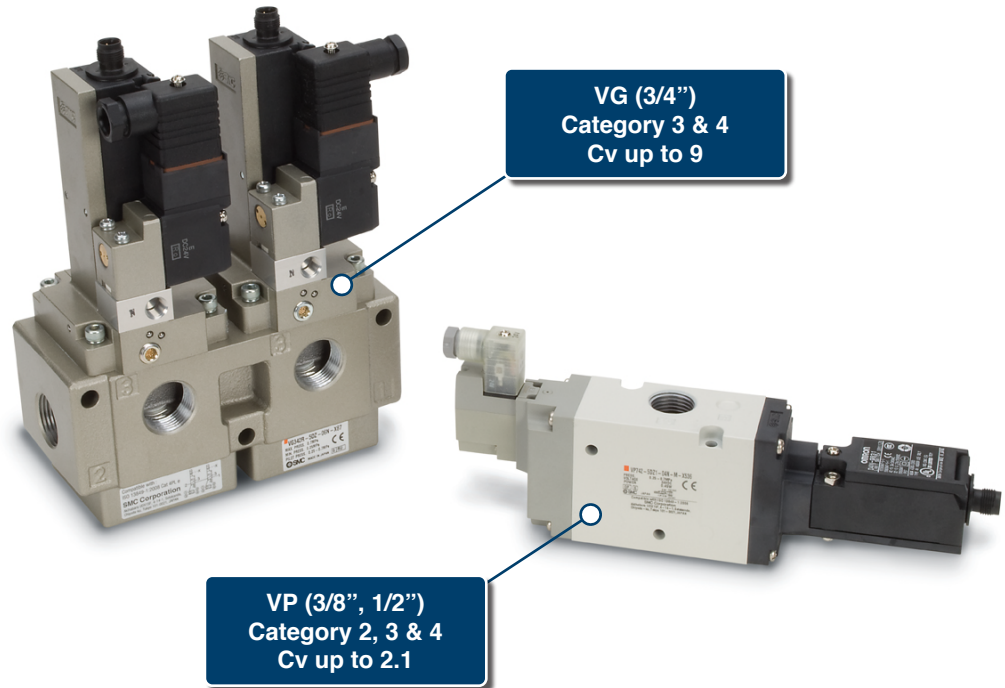
● **KEC Residual Pressure Relief Valve**



● **AN Series Silencer**



Specification	VP544-X538	VP744-X538	VG342R-X87
Operating Pressure	36 to 101 psi		
Temperature	14 to 122 °F		
Port Size	3/8"	1/2"	3/4"
Flow Rate (A → R)	1.3 (CAT 3 & 4) 2.1 (CAT 2)	2.1 (CAT 3 & 4) 3.7 (CAT 2)	9.0
Voltage	24 VDC		
Electrical Entry	DIN Terminal		
Power Consumption	0.45W		2.2W



For more Information: [www.smccusa.com/safety\\_valve](http://www.smccusa.com/safety_valve)



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