

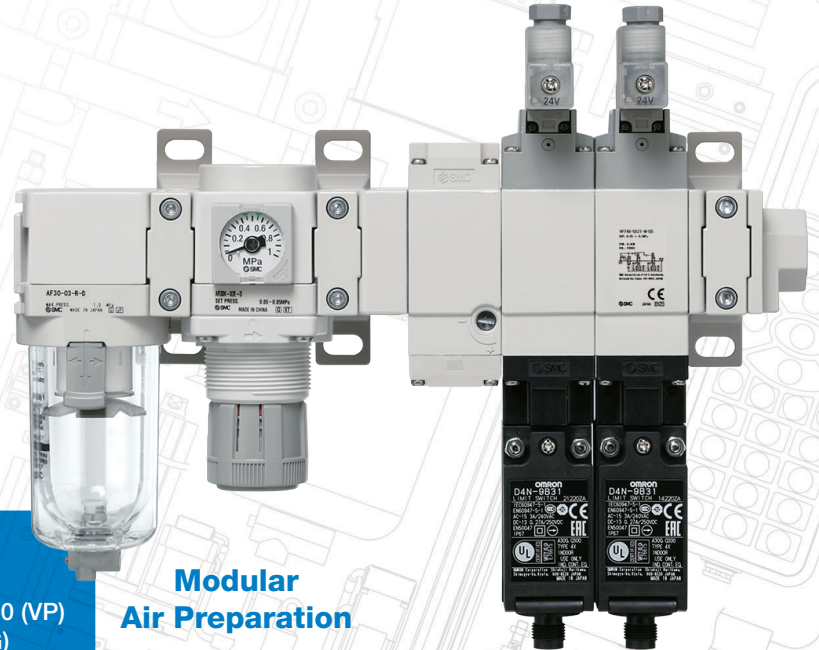


Automation - Controls - Process

Safety Shut-off and Exhaust Valve

Applies to Safety Standard **EN ISO 13849-1** up to Category 4

- Single and 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
- Can be used in circuits up to Plc/cat 4 depending on configuration and circuit



Modular Air Preparation

VP Series Safety Exhaust Valve

Modular Construction

VP can be installed to existing SMC airline preparation FRL (AC-D series) products

High Exhaust Flow Rate

CV to 3.4 (VP) and 5.3 (VG)

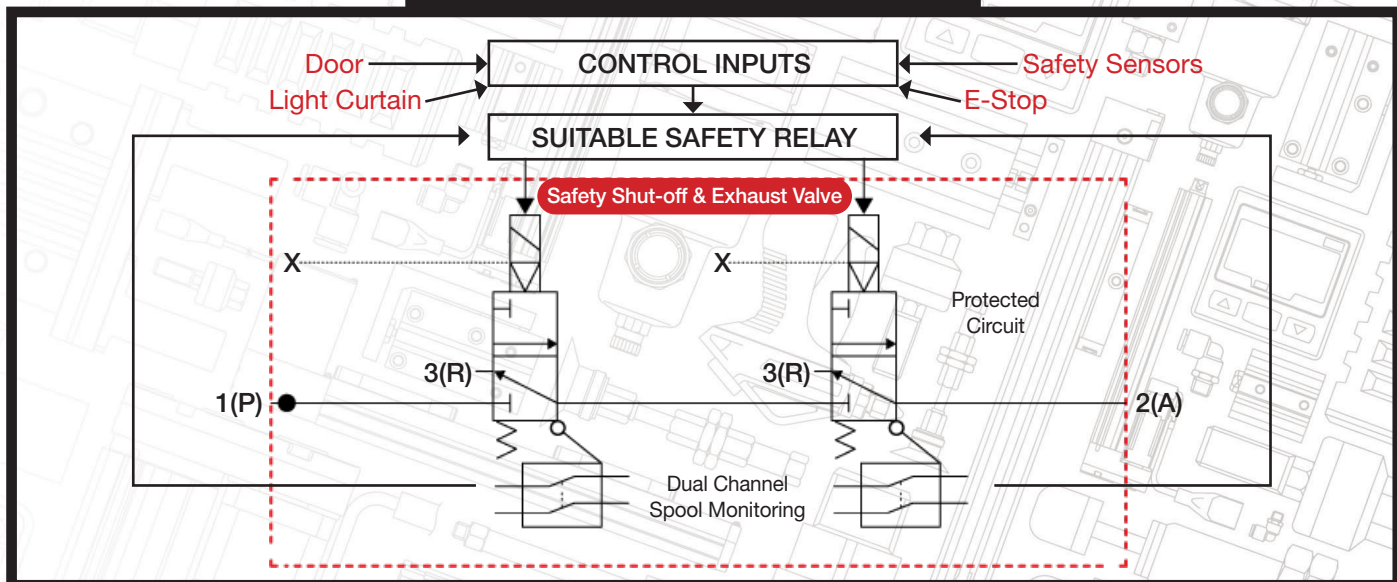
Durable

B10d (MTTFd): 10,000,000 (VP) and 1,000,000 cycles (VG)

Washdown Compatible

IP65 enclosure rating to ensure dust and water tight construction

Typical Installation Circuit



VP546/746 Series

Related Products

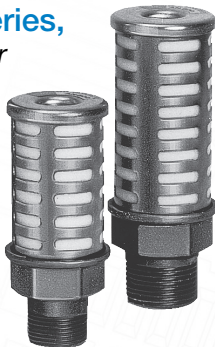
AC-D Series, Modular Air Preparation



KE Series, Residual Pressure Relief Valve



AN Series, Silencer



VHS Series, Pressure Release Valve



Specification	Standard		High Pressure		Standard
	VP546	VP746	VP546K	VP746K	VG342(R)-X87
Operating Pressure	36 to 101 psi		36 to 145 psi		36 to 101 psi
Operating Temperature	14 to 122°F				
Port Size	1/4, 3/8, 1/2**	1/4, 3/8, 1/2, 3/4**	1/4, 3/8, 1/2**	1/4, 3/8, 1/2, 3/4**	3/4, 1"
Flow Rate Cv (A>R)	1.5 (Cat 3&4) 2.1 (Cat 2)	2.5 (Cat 3&4) 3.4 (Cat 2)	1.5 (Cat 3&4) 2.1 (Cat 2)	2.5 (Cat 3&4) 3.4 (Cat 2)	5.3
Voltage	24 VDC				
Electrical Entry	DIN Terminal				
Limit Switch Electrical Entry	G1/2, M12				
Power Consumption	0.45W			2.2W	

*Valve is designed for installation in an FRL, attach piping adapters when standalone service is required.

VP Series Up to Category 4 Cv up to 3.4



VG Series Up to Category 4 Cv up to 5.3



For more information, scan the QR code



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