

Safety Exhaust Valve Modular Connection Type

Safety Standard ISO 13849-1 Certified
(Corresponding to Categories 3 and 4)

New Double common specification has been added.

Exhaust flow rate characteristics [L/min(ANR)]

10,500 (VPX406-A3)

13,000 (VPX406-A4)

15,000 (VPX406-A6)

* At 0.6 MPa

Space saving & Lightweight

3 functions have been integrated.

Safety
Exhaust



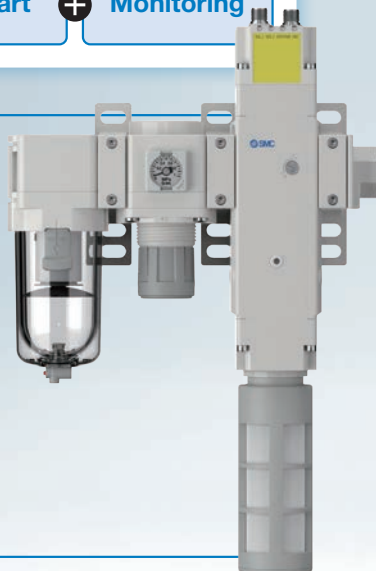
Soft Start



Monitoring

**Modular
connection is
possible.**

(AC30/40/50/60-D Series)



Standards and Enclosure

Series	Category	Required performance level (Max.)	Standards						Soft start-up valve	Enclosure
			Machinery directive	2006/42/EC		CE/UKCA	UL/cUL	RoHS		
				Harmonized standards	EN ISO 13849-1: 2023 EN ISO 13849-2: 2012					
Safety exhaust valve VPX400	3, 4*1	PL e								IP65*2

*1 Depending on the applied diagnostic test

*2 It is IP40 depending on the type of pressure gauge. For details, refer to the valve specifications.

VPX400 Series

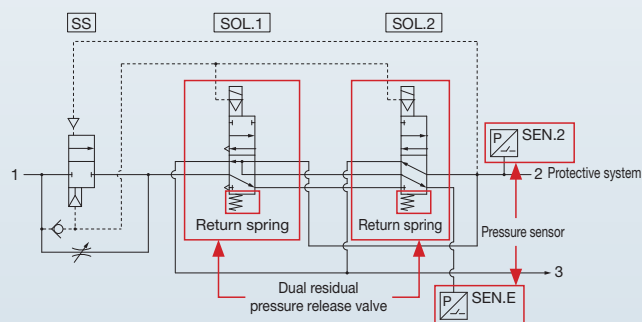
Series variations

High flow rate: Approx. 3.0 times (AC30 connection) / Approx. 2.5 times (AC40 connection)

Series	Model	Category	Compatible Max. PL	Connected AC size	Flow rate characteristics							Passage
					C[dm³/(s·bar)]							
					5	10	15	20	25	30	35	
Safety exhaust valve VPX400	VPX406-A3 (AC30 connection)	3, 4	PL e	AC30	25.0							2 = 3 (A = R)
	VPX406-A4 (AC40 connection)			AC40	31.0							
	VPX406-A6 (AC50/60 connection)			AC50/ 60	35.8							
Residual pressure release valve VP546		3, 4	PL e	AC30	8.3							2 = 3 (A = R)
Residual pressure release valve VP746				AC40	12.3							

System protection through “Safety Exhaust” function

- Valves return to de-energised position via spring force in the case of power loss.
- If one of the residual pressure release valves fails to operate, the other one releases the residual pressure.
- Built in pressure sensor monitors valve operations.



Display of monitoring status: Fault can be checked visually as well as by signal.

