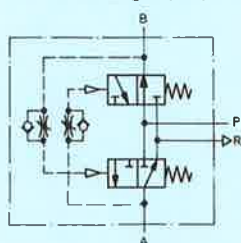
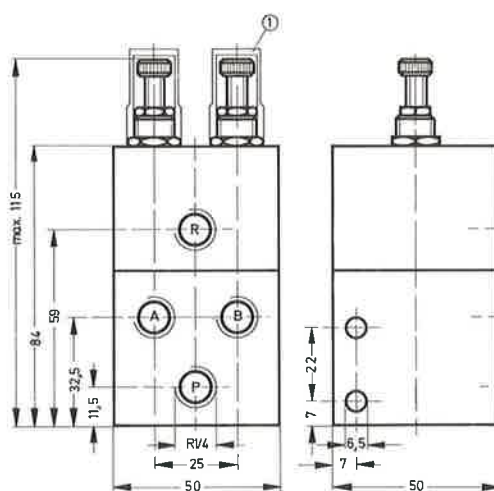
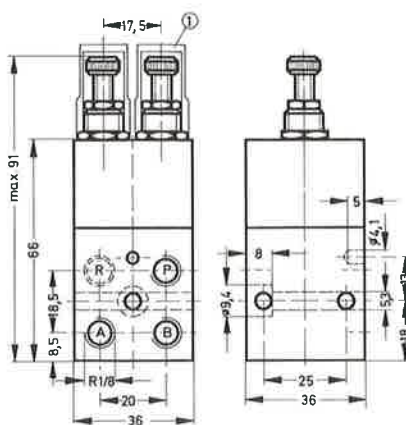


Variable pulse oscillator Type VLG-4-¹/₈ VLG-4-¹/₄



The variable pulse oscillator (multivibrator) is used to generate adjustable duration signals in control systems. The duration and frequency of both outputs are independently adjustable. It is used with diaphragm type cylinders, single acting or even double acting cylinders where. Rapid piston rod movements are necessary for providing vibrating motion to vibrator conveyors, for descaling extracting plants and bunkers or for moving small shaker sieves.



- 1 (P) = Supply port
- 4, 2 (A, B) = Working or outlet lines
- 3 (R) = Exhaust

① Protective cap 2105 GRK-¹/₈ is included

Max. frequency of piston movements at 6 bar

Cylinder	Max. stroke mm	Load N (1 N ≈ 0.1 kp)	Frequency	
			VLG-4- ¹ / ₈	VLG-4- ¹ / ₄
Piston dia. 12 mm	40	1 to 10	0.5 to 7 Hz	
Piston dia. 16 to 35 mm	70	1 to 10	0.5 to 4 Hz	
Diaphragm cylinder Type AV-35-2	2	0	30 Hz	50 Hz
AV-60-2	2	0	15 Hz	50 Hz

Higher frequencies may be reached if strokes are not completed. These frequencies depend on pressure and load.

Order code	Part No./Type	4025 VLG-4- ¹ / ₈	4026 VLG-4- ¹ / ₄
Medium		Compressed air, filtered (lubricated or unlubricated)	
Design		Poppet valve	
Mounting		Through-holes in housing	
Connection		G ¹ / ₈	G ¹ / ₄
Nominal size		3.5 mm	7 mm
Standard nominal flow rate (P→A)		120 l/min	600 l/min
Pressure range		4 to 10 bar	
Temperature range		— 10 to +60° C	
Materials		Housing: blue anodized aluminium; seals: perbunan	
Weight		0.270 kg	0.630 kg