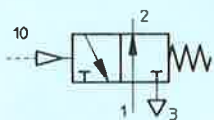


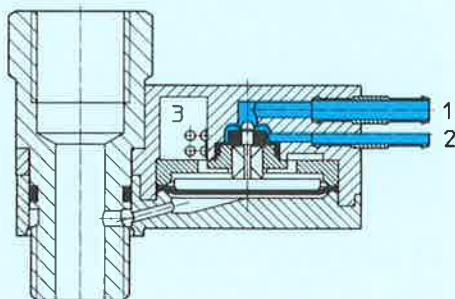
Signal generator for cylinders

Type PPL- $\frac{1}{8}$
PPL- $\frac{1}{4}$



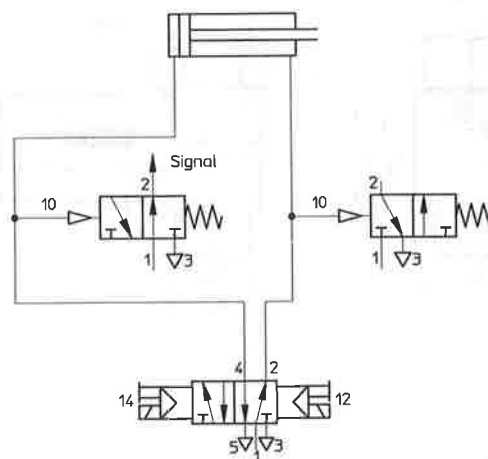
The signal generator for cylinders brings about the contactless generation of pneumatic signals at the end of the cylinder stroke. It is screwed direct into the compressed air connection port of the cylinder by means of a hollow screw. At the end of the cylinder stroke, the signal generator is activated by the falling off exhaust pressure in the cylinder, and a pneumatic output signal is emitted. This signal persists until the pressure in the cylinder chamber rises.

1 (P) = Supply port
2 (A) = Working or outlet line
3 (R) = Exhaust

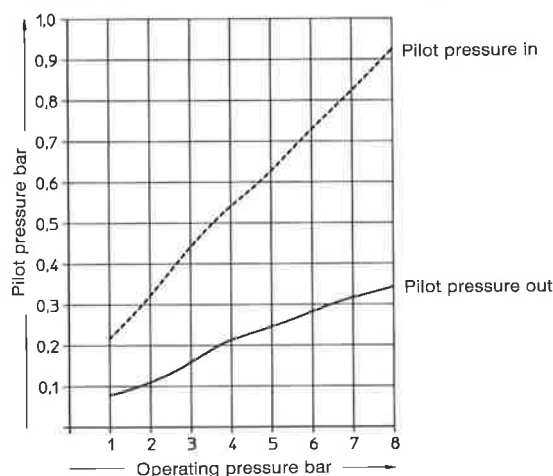


4

Example of a control

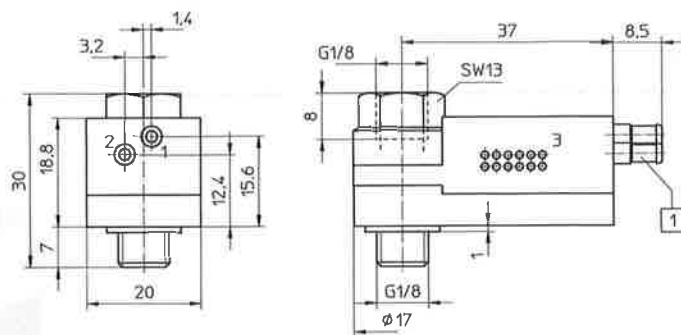


Minimum pilot pressure as a function of operating pressure

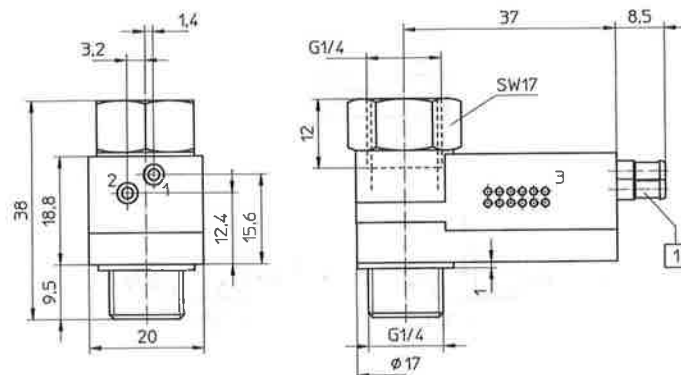


Order code	Part No./Type	13364 PPL- $\frac{1}{8}$	13363 PPL- $\frac{1}{4}$
Medium		Compressed air (filtered, lubricated or unlubricated)	
Design		Poppet valve	
Mounting mode		Hollow screw G $\frac{1}{8}$	Hollow screw G $\frac{1}{4}$
Connection		Barbed fittings for 3 mm plastic tubing	
Standard nominal flow rate		48 l/min	
Operating pressure range		1 to 8 bar	
Pilot pressure		max. 8 bar (see diagram)	
Response time		In: 11 ms; Out: 26 ms	
Temperature range		- 10 to +60 °C	
Materials		Housing, cover and inserts: Plastic; hollow screw: Al; seals: Perbunan	
Weights		0.024 kg	0.028 kg

Type PPL-¹/₈



Type PPL-¹/₄



1 Barbed fittings for 3 mm plastic tubing

- 1 (P) = Supply port
- 2 (A) = Working or outlet line
- 3 (R) = Exhaust