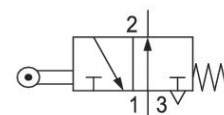
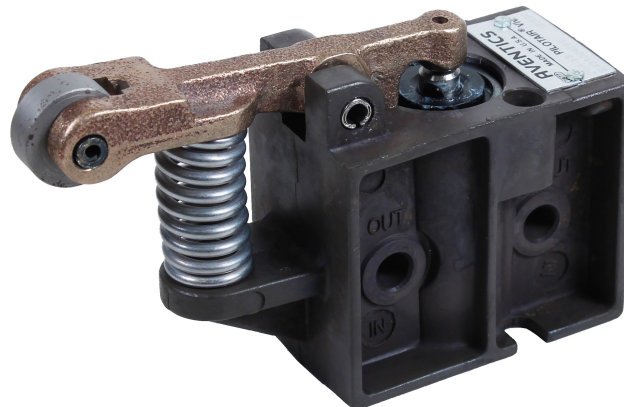


Series A-Pilotair®

Qn max. [[1299] l/min]
Mechanically operated



Technical data

Industry

Industrial

Activation

Mechanical

Type

Archive product: Do not use in new constructions!

Valve type

Poppet valve

Valve function

NO

Actuating element

Roller lever, one-way trip

Sealing principle

Soft seal

Compressed air connection input

1/4 - 18 NPT

Compressed air connection output

1/4 - 18 NPT

Nominal flow Qn

1300 l/min

Nominal flow Qn 1 to 2

17.2 l/min

Min. working pressure

0 bar

Max. working pressure

13.7 bar

Min. control pressure

0 bar

Max. control pressure

17.3 bar

Max. input pressure

17.2 bar

Min. ambient temperature

-40 °C

Max. ambient temperature	93 °C
Min. medium temperature	-40 °C
Max. medium temperature	93 °C
Medium	Compressed air
Min. oil content of compressed air	0 mg/m ³
Max. oil content of compressed air	1 mg/m ³
Max. particle size	40 µm
Weight	0.45 kg

Material

Housing material	Die-cast aluminum
Part No.	R431004671

Technical information

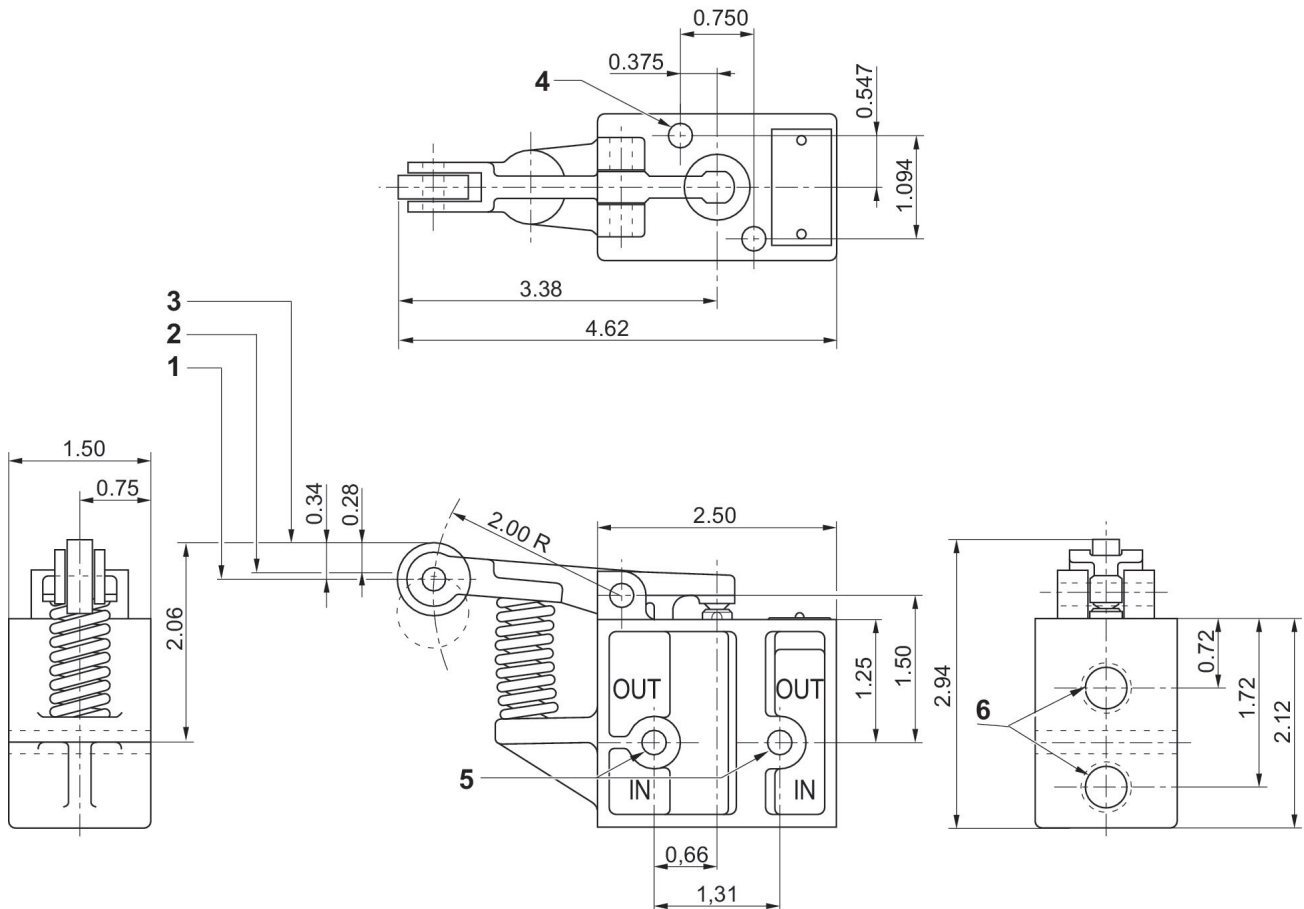
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

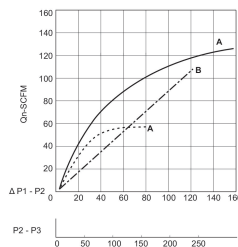
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Dimensions in inches



- 1) Mounting hole Ø26
- 2) Full on position
- 3) Air off position
- 4) Air on position
- 5) Mounting hole Ø26
- 6) 1/4 - 18 NPTF

Flow diagram



- A) p1 = 200
- A) p1 = 80
- B) (p1 - Pp2) Port 1 (input) # Port 2 (Output)
- (p2 - p 3) Port 2 (Output) # Port 3 (Exhaust)