

Series H-Controlair®



Technical data

Industry	Industrial
Type	Version H-1 OUT port – delivers increasing pressure in direct proportion to pedal depression. Poppet valve
Type	Pedal
Actuating element	1/4 NPT
Compressed air connection input	Internal thread
Compressed air connection type input	1/4 NPT
Compressed air connection output	Internal thread
Compressed air connection type output	0.1 bar
Min. working pressure	14 bar
Max. working pressure	0.1 bar
Min. regulation range	6.9 bar
Max. regulation range	-40 °C
Min. ambient temperature	70 °C
Max. ambient temperature	-40 °C
Min. medium temperature	70 °C
Max. medium temperature	Compressed air
Medium	900 l/min
Nominal flow Qn	

Hysteresis	< 0,1 bar
Min. actuating force	77 N
Weight	2.3 kg
Housing material	Die-cast aluminum
Seal material	Acrylonitrile butadiene rubber
Material pedal	Die-cast aluminum
Part No.	R431002982

Technical information

IN port = pressure supply

OUT port – delivers increasing pressure in direct proportion to pedal depression.

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>).

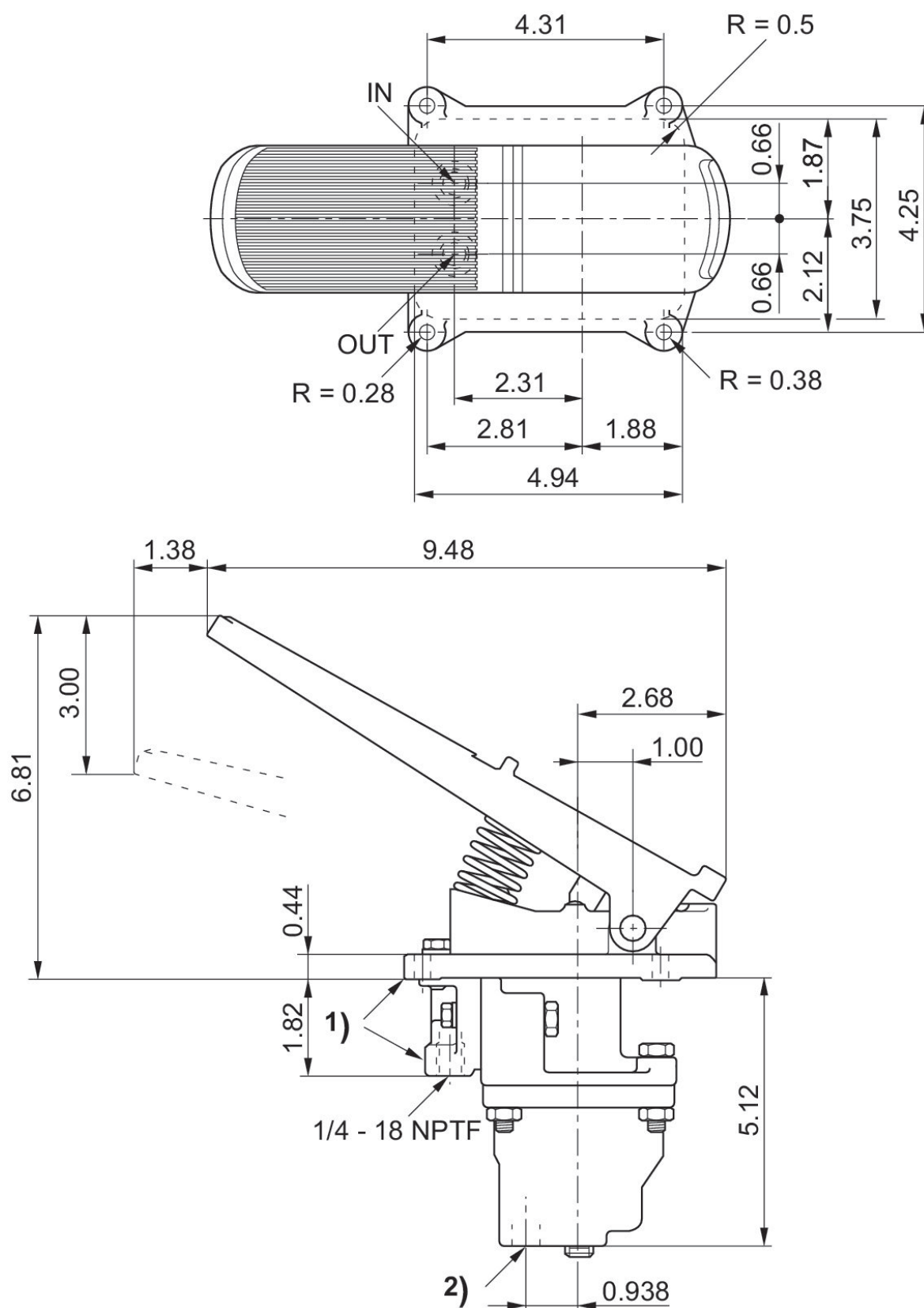
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Dimensions in inches



1) Order the flange mounting and tube clip separately.

2) exhaust open