

3/2-directional valve, Series A-Pilotair®

R431005927

General series information
AVENTICS Series A-Pilotair Directional valves

■ manually operated



Technical data

Industry

Industrial

Type

2-HA-2
2-HA-2L
2-HA-2Z

Activation

Manual

Nominal flow Q_n

1308.72 l/min

Compressed air connection output

Ø 1/4"

Working pressure min.

0 bar

Working pressure max

13.7 bar

Manual override

with detent

Sealing principle

Soft Seal

Type

Poppet valve

Type

2-HA-2L

Control pressure min.

0 bar

Control pressure max.

17.3 bar

Min. ambient temperature

-40 °C

Max. ambient temperature

71 °C

Min. medium temperature

-40 °C

Max. medium temperature

71 °C

Medium	Compressed air
Oil content of compressed air min.	0 mg/m ³
Oil content of compressed air max.	1 mg/m ³
Max. particle size	50 µm
Compressed air connection input	Ø 1/4"
Weight	0.91 kg
Housing material	Die-cast aluminum
Part No.	R431005927

Technical information

The 2-HA-2 PILOTAIR valves are panel-mounted, 2, 3 and 5 position valves with one inlet and two outlet ports. Available with detents in each handle position, a latching handle that requires manual release to insure against unintentional operation*, or spring return to center position. All ports are 1/4" NPT.

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) $\frac{9}{32}$ diameter (4) places
 - 2) Air supply
 - 3) panel mounting hole $\varnothing \frac{3}{8}$
 - 4) $\frac{1}{4}$ - 18 NPTF
- *Also available with handle 2" longer

3-position handle, detented



Handle position

Handle position		1	2	3
Out Port Supplied	OUT port 1			X
Out Port Supplied	OUT port 2	X		

X denotes port supplied in that position. Empty block denotes port exhausted in that position.