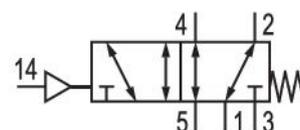


5/2-directional valve, Series CD07

R432016611

Series CD07

■ $Q_n = 900 \dots 1400$ l/min



Technical data

Industry

Industrial

Activation

Pneumatically

Frame size

CD07 - inch

Valve type

Spool valve, positive overlapping

Switching principle

5/2, with spring return

Sealing principle

soft seal

Connection type

Pipe connection

Compressed air connection

1/4 NPT

Compressed air connection input

1/4 NPT

Compressed air connection output

1/4 NPT

Compressed air connection, exhaust

1/4 NPT

Compressed air connection pilot input

1/8-27 NPTF

Nominal flow Q_n

1200 l/min

Nominal flow Qn 1 to 2	1200 l/min
Nominal flow Qn 2 to 3	1200 l/min
Working pressure max	10 bar
Control pressure min.	3 bar
Control pressure max.	10 bar
Min. ambient temperature	-30 °C
Max. ambient temperature	80 °C
Min. medium temperature	-30 °C
Max. medium temperature	80 °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
Mounting on manifold strip	P-strip PRS strip
Weight	0.5 kg

Material

Housing material	Die cast zinc
Seal material	Acrylonitrile butadiene rubber
Part No.	R432016611

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

