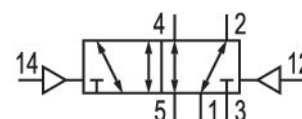


5/2-directional valve, Series CD07

R432016610

Series CD07

■ Qn = 900 ... 1400 l/min



Technical data

Industry

Activation

Frame size

Valve type

Switching principle

Sealing principle

Connection type

Compressed air connection

Compressed air connection input

Compressed air connection output

Compressed air connection, exhaust

Compressed air connection pilot input

Nominal flow Qn

Industrial

Pneumatically

CD07 - inch

Spool valve, positive overlapping

5/2, double solenoid

soft seal

Pipe connection

1/4 NPT

1/4 NPT

1/4 NPT

1/4 NPT

1/8-27 NPTF

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.	1.5 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.	R432016610

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

