

5/2-directional valve, Series CD04, Single Air Pilot

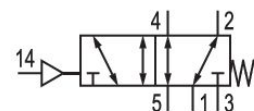
R412013299

Series
CD04

2026-01-27

Series CD04

Q_n = 900 l/min



Technical data

Industry

Industrial

Activation

Pneumatically

Valve type

Spool valve, positive overlapping

Switching principle

5/2, with spring return

Sealing principle

Soft seal

Connection type

Pipe connection

Standard compressed air connection

according to ANSI B1.20.3

Compressed air connection input

1/8-27 NPTF

Compressed air connection output

1/8-27 NPTF

Compressed air connection, exhaust

1/8-27 NPTF

Compressed air connection pilot input

1/8-27 NPTF

Nominal flow Q_n

900 l/min

Min. working pressure

-0.95 bar

Max. working pressure

10 bar

Min. control pressure

3.5 bar

Max. control pressure

10 bar

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Min. ambient temperature	-15 °C
Max. ambient temperature	65 °C
Min. medium temperature	-15 °C
Max. medium temperature	65 °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	50 µm
Mounting on manifold strip	P-strip
Weight	0.31 kg

Material

Housing material	Die cast zinc Polyamide, fiber-glass reinforced
Seal material	Acrylonitrile butadiene rubber
Part No.	R412013299

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>).

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Dimensions in inches

