

3/2-directional valve, Series CD04, Single Air Pilot

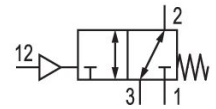
R412005941

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	3/2, with spring return
Valve function	NC/NO
Sealing principle	Soft seal
Connection type	Pipe connection
Compressed air connection input	M10x1
Compressed air connection output	M10x1
Compressed air connection, exhaust	M10x1
Compressed air connection pilot input	M10x1
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

Series
CD04

2026-01-27

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
Weight	0.29 kg

Material

Housing material	Die cast zinc
Seal material	Polyamide, fiber-glass reinforced
Part No.	Acrylonitrile butadiene rubber
	R412005941

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 mm

