

3/2-directional valve, Series CD04, single solenoid, G1/8, -25 °C cold-resistant

5772565302

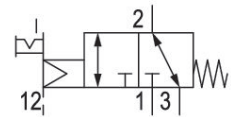
CD04

2025-06-19

- Durable design
- Assembly on base plate
- Suitable for extreme ambient temperatures
- Resistant to voltage fluctuations
- ATEX version available

AVENTICS Series CD04 Directional valves

The AVENTICS Series CD consists of various spool valves with an extremely durable die-cast zinc housing. Its electrical, pneumatic, or mechanical actuating controls (roller, lever, pedal, or plunger) make the Series CD ideal for applications in harsh environments.



Technical data

Industry

Industrial

Activation

Electrically

Valve type

Spool valve, positive overlapping

Basic valve equipment

Basic valve without coil

Switching principle

3/2, with spring return

Valve function

NC

NO

Actuating control

Double Solenoid

Sealing principle

Soft seal

Connection type

Pipe connection

Manual override

with detent

Standard compressed air connection

according to ISO 228-1

Compressed air connection input

G 1/8

Compressed air connection output

G 1/8

Compressed air connection, exhaust

G 1/8

Pilot control exhaust

with directional pilot air exhaust

Compressed air connection pilot input

G 1/8

Compressed air connection pilot exhaust

M5

Nominal flow Q_n

900 l/min

Nominal flow Q_n 1 to 2

900 l/min

Nominal flow Q_n 2 to 3

900 l/min

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Min. working pressure	-0.95 bar
Max. working pressure	10 bar
Min. control pressure	3 bar
Max. control pressure	10 bar
Electrical connection type	Plug
Electrical connection size	EN 175301-803, form B
Electrical connection number of poles	3-pin
Connector standard	EN 175301-803:2006
Protection class with connection	IP65
Pilot	External
Coil width	22 mm
Pilot valve width	26 mm
Compatibility index	14
Duty cycle	100 %
Temperature resistance	-15 °C cold-resistant
Min. ambient temperature	-15 °C
Max. ambient temperature	50 °C
Min. medium temperature	-15 °C
Max. medium temperature	15 °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	0.25 kg
Material	
Housing material	Die cast zinc Polyamide fiber-glass reinforced
Seal material	Acrylonitrile butadiene rubber
Part No.	5772565302

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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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