

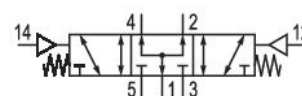
5/3-directional valve, Series WV02

0820239003

2026-04-30

Series WV02

Qn = 250 ... 500 l/min



Technical data

Industry

Industrial

Activation

Pneumatically

Valve type

Spool valve, positive overlapping

Switching principle

5/3, pressurized center

Valve function

Pressurized Center

Sealing principle

Soft seal

Connection type

Pipe connection

Compressed air connection input

G 1/8

Compressed air connection output

G 1/8

Nominal flow Qn

250 l/min

Min. working pressure

-0.9 bar

Max. working pressure

10 bar

Min. control pressure

2.2 bar

Max. control pressure

10 bar

Pilot

External

Min. ambient temperature

0 °C

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Max. ambient temperature	80 °C
Min. medium temperature	0 °C
Max. medium temperature	80 °C
Medium	Compressed air
Min. oil content of compressed air	0 mg/m ³
Max. oil content of compressed air	5 mg/m ³
Max. particle size	5 µm
Mounting on manifold strip	PRS strip
Mounting screw	M3
Weight	0.11 kg

Material

Housing material	Aluminum
Surface housing	anodized
Seal material	Acrylonitrile butadiene rubber Hydrogenated nitrile butadiene rubber
Material, front cover	Polyamide
Material threaded bushing	Aluminum
Part No.	0820239003

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.

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Dimensions

