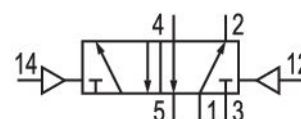


5/2-directional valve, Series CD02-AL

0820238104

ISO 15407-1, 18 mm, CD02-AL series

- $Q_n = [250 \dots 450]$ l/min



Technical data

Industry

Industrial

Activation

Pneumatically

Nominal flow Q_n

450 l/min

Compressed air connection output

VDMA 02 base plate

Connection type

Plate connection

Working pressure min.

-0.9 bar

Working pressure max

10 bar

Sealing principle

Soft Seal

Standards

ISO 15407-1

Valve type

Spool valve, positive overlapping

Version

18 mm

Pilot

External

Can be assembled into blocks

Can be assembled into blocks

Blocking principle

Base plate principle, multiple

Control pressure min.

1.5 bar

Control pressure max.

10 bar

Min. ambient temperature

0 °C

Max. ambient temperature

80 °C

Min. medium temperature
0 °C

Max. medium temperature
80 °C

Medium
Compressed air

Max. particle size
5 µm

Oil content of compressed air min.
0 mg/m³

Oil content of compressed air max.
5 mg/m³

Compressed air connection
VDMA 02 base plate

Compressed air connection input
VDMA 02 base plate

Mounting screw
M3

Weight
0.08 kg

Housing material
Aluminum

Surface housing
anodized

Seal material
Acrylonitrile butadiene rubber
Hydrogenated nitrile butadiene rubber

Material, front cover
Polyamide

Part No.
0820238104

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 under 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>).

