




# 5/3-directional valve, Series CD02-AL

- ISO 15407-1
- 18 mm
- 5/3
- $Q_n = 250\text{--}400\text{ l/min}$
- Compressed air connection output VDMA 02 base plate
- Electrical connection 2, Plug, ISO 15217, form C



Version	Spool valve, positive overlapping
basic valve with electrical connector	Basic valve without pilot valve
Pilot	internal
Sealing principle	Soft sealing
Blocking principle	Base plate principle, multiple
Connection type	Plate connection
Standards	ISO 15407-1, 18 mm
Connector standard	ISO 15217
Working pressure min./max.	2,2 ... 10 bar
Control pressure min./max.	2,2 ... 10 bar
Ambient temperature min./max.	0 ... 50 °C
Medium temperature min./max.	0 ... 60 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 ... 5 mg/m <sup>3</sup>
Nominal flow $Q_n$	See table below
Protection class with connection	IP65
Duty cycle	100 %
Mounting screw	M3
Weight	0,11 kg

## Technical data

Part No.		Nominal flow $Q_n$	Electrical connection Pilot valve
0820039933		400 l/min	2 Plug ISO 15217, form C
0820039935		250 l/min	2 Plug ISO 15217, form C
0820039934		250 l/min	2 Plug ISO 15217, form C

Nominal flow  $Q_n$  at 6 bar and  $\Delta p = 1$  bar, MO = Manual override

## 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 the MediaCentre).

## Technical information

Housing	Aluminum, anodized
Seals	Acrylonitrile butadiene rubber Hydrogenated acrylonitrile butadiene rubber
Front plate	Polyamide

## Dimensions

### Dimensions

