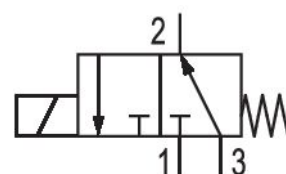


3/2-directional valve, Series DO22

0820019351

General series information
AVENTICS Series DO Directional valves

- The AVENTICS Series DO offer a simple, reliable and robust solution for all classical pilot control functions with direct electrical operation.



Technical data

Industry
Activation
Compressed air connection output
Working pressure min.
Working pressure max

Industrial
Electrically
G 1/8
0 bar
10 bar

DC operating voltage
Voltage tolerance DC
Electrical connection type
Electrical connection size

24 V
-10% / +10%
Plug
ISO 6952, form B

Valve type
Sealing principle
Compatibility index

Poppet valve
Soft Seal
14

Connection type	Pipe connection
Min. ambient temperature	-10 °C
Max. ambient temperature	50 °C
Min. medium temperature	-10 °C
Max. medium temperature	50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air min.	0 mg/m ³
Oil content of compressed air max.	5 mg/m ³
Nominal flow Qn 1 to 2	61 l/min
Nominal flow Qn 2 to 3	74 l/min
Power consumption DC	4.8 W
Duty cycle	100 %
Protection class with connection	IP65
mounting screws	M4
Weight	0.11 kg

Material

Housing material	Polyamide
Seal material	Fluorocautchouc
Part No.	0820019351

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>).

