

Directional valves ▶ Electrically operated

3/2-directional valve, Series DO22

► Qn = 55 - 88 l/min ► pipe connection ► Compressed air connection output: G 1/8 ► Electr. connection: Plug, ISO 6952, form B ► Manual override: with detent, without



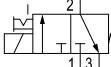
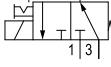
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Version	Poppet valve
Sealing principle	Soft sealing
Working pressure min./max.	See table below
Ambient temperature min./max.	-10 °C / +50 °C
Medium temperature min./max.	-10 °C / +50 °C
Medium	Compressed air
Max. particle size	5 µm
Oil content of compressed air	0 mg/m³ - 5 mg/m³
Nominal flow 1 ▶ 2	See table below
Nominal flow 2 ▶ 3	See table below
Protection class with connection	IP65
Compatibility index	See table below
Duty cycle	100 %
Mounting screw	M4
Weight	0.11 kg
Materials:	
Housing	Polyamide
Seals	Fluorocaoutchouc

Technical Remarks

- 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 AVVENTICS, see chapter „Technical information“.

Operational voltage			Voltage tolerance			Power consumption		Switch-on power		Holding power	
DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	
							W	VA	VA	VA	VA
-	24 V	-	-	-10% / +10%	-	-	-	11	-	8.5	-
24 V	-	-	-10% / +10%	-	-	4.8	-	-	-	-	-
24 V	-	-	-10% / +10%	-	-	2.6	-	-	-	-	-
-	-	110 V	-	-	-10% / +10%	-	-	-	9.4	-	6.9
-	230 V	-	-	-10% / +10%	-	-	12.6	-	9.7	-	-

MO	Compressed air connection	Operating voltage			Power consumption		Hold-ing pow-er	Part No.					
		Input	Output	Exhaust	DC	AC 50 Hz	AC 60 Hz	DC	AC 50 Hz				
					[W]	[VA]							
					24 V	24 V	-	-	8.5	0820019312			
						-	-	4.8	-	0820019311			
						-	-	2.6	-	0820019314			
						110 V	-	-	-	0820019313			
					230 V	-	-	9.7	-	0820019310			
					24 V	-	-	4.8	-	0820019361			