

Air solenoid valve

VZWD-L-M22C-M-G14-20-V-3AP4-40-R1

FESTO

Part number: 1492014



Data sheet

Feature	Value
Type code	VZWD
Structural design	Directly controlled poppet valve
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Any
Type of mounting	Line installation
Fitting connection	G1/4
Electrical connection	Form A Plug as per EN 175301-803 Rectangular design
Nominal width	2 mm
Valve function	2/2, closed, monostable
Manual override	None
Flow direction	Non-reversible
Medium	Compressed air as per ISO 8573-1:2010 [7:4:4] Inert gas Mineral oil Water Neutral liquids Other flow media on request
Nominal pressure of fitting PN	100
Differential pressure	0 bar
Coil characteristics	230 V AC: 50/60 Hz, initial power 18.0 VA, holding power 15.0 VA
Insulation class	F
Permissible voltage fluctuations	+/- 10 %
Duty cycle	100%
Reset method	Mechanical spring
Type of control	Direct
Symbol	00992979
Medium pressure	0 bar ... 40 bar
Max. viscosity	22 mm ² /s
Temperature of medium	-10 °C ... 80 °C

Feature	Value
Ambient temperature	-10 °C ... 35 °C
Leak rate to EN 12266-1	A
Flow rate Kv	0.13 m³/h
Standard nominal flow rate	140 l/min
On switching time	20 ms
Switching time off	18 ms
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	High-alloy stainless steel
Material number of housing	1.4305
Seals material	FPM
Product weight	650 g
CE marking (see declaration of conformity)	As per EU low voltage directive
Degree of protection	IP65
Corrosion resistance class (CRC)	3 - High corrosion stress