

# Air solenoid valve

## VZWP-L-M22C-G14-130-V-1P4-40

FESTO

Part number: 1489945



### Data sheet

Feature	Value
Type code	VZWP
Structural design	Pilot-controlled piston poppet valve
Actuation type	Electrical
Sealing principle	Soft
Mounting position	Coil preferably on top
Type of mounting	Line installation
Fitting connection	G1/4
Electrical connection	Form A Plug as per EN 175301-803 Rectangular design
Nominal width	13 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 Neutral liquids Other flow media on request
Nominal pressure of fitting PN	40
Differential pressure	0.5 bar
Coil characteristics	24 V DC: 6.8 W
Insulation class	H
Permissible voltage fluctuations	+/- 10 %
Duty cycle	100%
Type of control	Pilot-controlled
Symbol	00992974
Medium pressure	0.5 bar ... 40 bar
Max. viscosity	22 mm <sup>2</sup> /s
Temperature of medium	-10 °C ... 80 °C
Ambient temperature	-10 °C ... 35 °C
Leak rate to EN 12266-1	A

<b>Feature</b>	<b>Value</b>
Flow rate Kv	1.5 m <sup>3</sup> /h
Standard nominal flow rate	1600 l/min
On switching time	100 ms
Switching time off	250 ms
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Housing material	Cast brass
Material number of housing	CW617N
Seals material	FPM
Material of screws	High-alloy stainless steel
Material number of screw	1.4301
Product weight	600 g
Degree of protection	IP65
Corrosion resistance class (CRC)	1 - Low corrosion stress