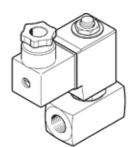
## Solenoid valve VZWD-L-M22C-M-G14-25-V-3AP4-8 Part number: 1491987

**FESTO** 

Directly actuated, G1/4" connection.





## **Data sheet**

Feature	Value
Design structure	Directly actuated poppet valve
Type of actuation	electrical
Sealing principle	soft
Assembly position	Any
Mounting type	Line installation
Process valve connection	G1/4
Electrical connection	Plug pattern type A to EN 175301-803
	Plug
	to EN 175301-803
	Cubic design
Nominal size	2.5 mm
Valve function	2/2 closed, monostable
Manual override	None
Flow direction	non reversible
Medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
	Inert gases
	Mineral oil
	Water
	Neutral fluids
	Other media on request
Nominal pressure of process valve	50
Differential pressure (MPa)	0 MPa
Differential pressure	0 bar
Differential pressure (psi)	0 psi
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 10.5 VA, holding power 7.6 VA
Insulation class	F
Permissible voltage fluctuation	+/- 10 %
Duty cycle	100 %
Type of reset	mechanical spring
Type of piloting	direct
Pressure of medium	0 0.8 MPa
	0 8 bar
Medium pressure Pressure of medium psi	0 8 bar 0 116 psi
Max. viscosity	
Medium temperature	22 mm2/s -10 80 °C
'	-10 80 °C
Ambient temperature	
Leak rate in accordance with EN 12266-1	A 0.16 m2/b
Flow rate Kv	0.16 m3/h
Standard nominal flow rate	170 l/min
Switching time on	25 ms
Switching time off	10 ms
Materials note	Conforms to RoHS
PWIS conformity	VDMA24364 zone III
Material housing	Brass



Feature	Value
Material number for housing	CW614N
Material seals	FPM
Product weight	350 g
CE symbol (see declaration of conformity)	according to EU low voltage guideline
UKCA marking (see declaration of conformity)	To UK instructions for electrical equipment
Protection class	IP65
Corrosion resistance classification CRC	1 - Low corrosion stress