

Air solenoid valve

VZWD-L-M22C-M-N14-10-V-3AP4-90-R1

FESTO

Part number: 1492090



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	1/4 NPT
Electrical connection	Form A Plug as per EN 175301-803 Rectangular design
Nominal width	1 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 ... 90 bar
Max. viscosity	22 mm²/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	0.06 m³/h
Standard nominal flow rate	60 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