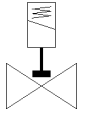
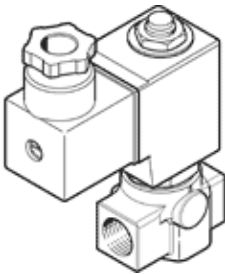


solenoid valve

VZWD-L-M22C-M-N14-20-V-3AP4-40-R1

Part number: 1492092

FESTO



Data sheet

Feature	values
Design structure	Directly actuated poppet valve
Type of actuation	electrical
Sealing principle	soft
Assembly position	Any
Mounting type	Line installation
Process valve connection	NPT 1/4
Electrical connection	Plug Cubic design to EN 175301-803 Design A
Nominal size	2 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	100
Differential pressure	0 bar
Characteristic coil data	230 V AC: 50/60 Hz, pick-up power 18 VA, holding power 15 VA
Insulation class	F
Permissible voltage fluctuation	+/- 10 %
Duty cycle	100%
Type of reset	mechanical spring
Type of piloting	direct
Medium pressure	0 ... 40 bar
Max. viscosity	22 mm ² /s
Medium temperature	-10 ... 80 °C
Ambient temperature	-10 ... 35 °C
Leak rate in accordance with EN 12266-1	A
Flow rate Kv	0.13 m ³ /h
Standard nominal flow rate	140 l/min
Switching time on	20 ms
Switching time off	18 ms
Materials note	Contains PWIS substances Conforms to RoHS
Materials information, housing	High alloy steel, non-corrosive
Material number for housing	1.4305
Materials information for seals	FPM
Product weight	650 g
Protection class	IP65
CE mark (see declaration of conformity)	to EU directive low-voltage devices
Corrosion resistance classification CRC	3 - High corrosion stress