

# Angle seat valve VZXF-L-M22C-M-A-N114-310-M1-V4B2T-50-9

Part number: 3539817

FESTO



## Data sheet

Feature	Value
Structural design	Poppet valve with piston actuator
Actuation type	Pneumatic
Sealing principle	Soft
Mounting position	Any
Type of mounting	Line installation
Cable connection	Threaded sleeve 1 1/4 as per ANSI/ASME B 1.20.1
Nominal width	31 mm
Valve function	2/2, closed, monostable
Flow direction	Non-reversible Above valve seat, for gaseous media
Medium pressure	0 MPa...0.9 MPa 0 bar...9 bar
Nominal pressure of fitting PN	40
Exhaust air function	Without flow control option
Reset method	Mechanical spring
Type of control	Externally controlled
Pneumatic connection	Internal thread G1/8
Operating pressure	0.6 MPa...1 MPa 6 bar...10 bar 87 psi...145 psi
Medium	Vapor Inert gas Filtered compressed air, 200 µm filter mesh
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Max. viscosity	600 mm <sup>2</sup> /s
Temperature of medium	-40 °C...200 °C
Ambient temperature	-10 °C...60 °C
Flow rate Kv	18.5 m <sup>3</sup> /h
Note on materials	RoHS-compliant
LABS (PWIS) conformity	VDMA24364 zone III
Valve housing material	Cast stainless steel
Material number, fitting housing	1.4408
Spindle seal material	PTFE

<b>Feature</b>	<b>Value</b>
Seat seal material	PTFE
Product weight	2200 g
CE marking (see declaration of conformity)	as per EU pressure equipment directive
UKCA marking (see declaration of conformity)	according to UK regulations for pressure equipment
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Drive housing material	Brass, nickel-plated