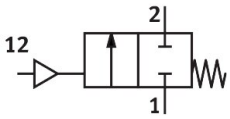
Angle seat valve
VZXF-L-M22C-M-B-N2-450-M1-V4V4T-50-3

Part number: 1002562





Data sheet

Feature	Value
Structural design	Poppet valve with piston actuator
Actuation type	Pneumatic
Sealing principle	Soft
Mounting position	Any
Type of mounting	In-line installation
Cable connection	Threaded sleeve 2 NPT as per ANSI/ASME B 1.20.1
Nominal width	45 mm
Valve function	2/2-way, closed, monostable
Flow direction	Non-reversible Under valve seat, for gaseous and liquid media
Medium pressure	0 MPa...0.3 MPa 0 bar...3 bar
Nominal pressure of fitting PN	40
Exhaust air function	Cannot be throttled
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 Hydraulic fluid based on mineral oil Inert gas Mineral oil Water Filtered compressed air, 200 µm filter mesh Neutral liquids
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Max. viscosity	600 mm²/s
Temperature of medium	-40 °C...200 °C
Ambient temperature	-10 °C...60 °C
Flow rate Kv	19.5 m³/h
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III

Feature	Value
Valve housing material	Cast stainless steel
Material number, fitting housing	1,4408
Spindle seal material	PTFE
Seat seal material	PTFE
Product weight	3500 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)	3 - High corrosion stress
Drive housing material	high-alloy stainless steel