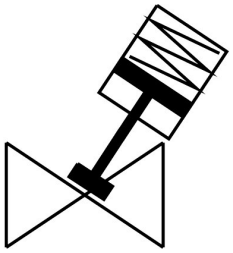
Angle seat valve
VZXA-B-TS7-3/4"-M2-V14T-12.8-K-46-17-V4

Part number: 8060542





Data sheet

Feature	Value
Structural design	Poppet valve with piston actuator
Actuation type	Pneumatic
Mounting position	Any
Type of mounting	In-line installation
Cable connection	Threaded sleeve 3/4 NPT as per ANSI/ASME B 1.20.1
Valve function	2/2
Flow direction	Non-reversible Under valve seat, for gaseous and liquid media
Medium pressure	0 MPa...1.28 MPa 0 bar...12.8 bar
Reset method	Mechanical spring
Type of control	Externally controlled
Pneumatic connection	Internal thread G1/8
Operating pressure	0.5 MPa...1 MPa 5 bar...10 bar 72.5 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
Control of the medium	On/off operation
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Max. viscosity	600 mm²/s
Temperature of medium	-10 °C...180 °C
Ambient temperature	0 °C...60 °C
Flow rate Kv	13.3 m³/h
Use in exterior area	Weather-protected locations class C1 based on IEC 60654-1
Note on materials	RoHS compliant
LABS (PWIS) conformity	VDMA24364 Zone III

Feature	Value
Valve housing material	Cast stainless steel
Material number, fitting housing	ASTM A351-CF3M
Seals material	FPM
Spindle seal material	PTFE
Seat seal material	PTFE
Product weight	1910 g
Certification	CRN
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Certificate issuing authority	TÜV 968/V 1039.01/20
Safety integrity level (SIL)	SIL 2
PFH	1.36E-07
PFD	0.000595
Actuator size	46 mm
Stroke	17 mm
Control function	Closed by spring force, NC
Position sensing	With mechanical indicator
Drive housing material	Cast stainless steel
Material number, drive housing	1,4408
Storage temperature	-10 °C...60 °C
Degree of protection	IP65 IP67
Piston rod material	high-alloy stainless steel
Cover material	Cast stainless steel