

# Angle seat valve VZX-A-TS6-13-M2-V13T-16-K-46-17-PR-V4

FESTO

Part number: 8060513



## Data sheet

Feature	Value
Structural design	Poppet valve with piston actuator
Actuation type	Pneumatic
Mounting position	Any
Type of mounting	Line installation
Cable connection	Threaded sleeve G1/2 as per DIN ISO 228
Valve function	2/2
Flow direction	Non-reversible Above valve seat, for gaseous media
Medium pressure	0 MPa...1.6 MPa 0 bar...16 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 Inert gas Filtered compressed air, 200 µm filter mesh
Control of the medium	On/off mode
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Max. viscosity	600 mm <sup>2</sup> /s
Temperature of medium	-10 °C...180 °C
Ambient temperature	0 °C...60 °C
Flow rate Kv	6.6 m <sup>3</sup> /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
Valve housing material	Cast stainless steel
Material number, fitting housing	1.4409
Seals material	FPM

Feature	Value
Spindle seal material	PTFE
Seat seal material	PTFE
Product weight	1096 g
Certification	CRN
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Certificate issuing authority	German Technical Control Board (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 reduced 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