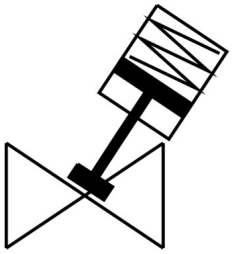
Angle seat valve
VZXA-A-TS7-1/2"-M2-V14T-16-K-46-17-PR-V4

Part number: 8060520





Data sheet

Feature	Value
Type code	VZXA
Certificate issuing authority	CRN0C20829.5C German Technical Control Board (TÜV) 968/V 1039.00/18
Safety integrity level (SIL)	SIL 2
PFH	1.36E-7
PFD	5.95E-4
Certification	CRN
Operating pressure	0.5 MPa ... 1 MPa
Operating pressure	72.5 psi ... 145 psi
Design	Poppet valve with piston actuator
Actuation type	Pneumatic
Mounting position	Any
Type of mounting	Line installation
Cable connection	Threaded sleeve 1/2 NPT as per ANSI/ASME B 1.20.1
Valve function	2/2
Flow direction	Non-reversible
Medium pressure	0 bar ... 16 bar
Reset method	Mechanical spring
Type of control	Externally controlled
Pneumatic connection	Internal thread G1/8
Operating pressure	5 bar ... 10 bar
Symbol	00995586
Medium	Vapor Inert gas Filtered compressed air, 200 µm filter mesh
Flow direction	Above valve seat, for gaseous media
Control of the medium	On/off mode
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	6.6 m³/h
Note on materials	Contains paint-wetting impairment substances RoHS-compliant

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	1775 g
CE marking (see declaration of conformity)	as per EU machinery directive
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
Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Storage temperature	-10 °C ... 60 °C
Degree of protection	IP65 IP67 IP69K
Piston rod material	High-alloy stainless steel
Cover material	Cast stainless steel