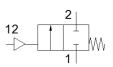
## Angle seat valve VZXF-L-M22C-M-A-G12-120-H3B1-50-16-EX4 Part number: 3539021

Pneumatically actuated angle seat valve in red brass. Over seat version, safety position closed, G-thread, Atex, nominal width 1/2".

## **Data sheet**

Feature	Value
Design structure	Poppet valve with piston actuator
Type of actuation	pneumatic
Sealing principle	soft
Assembly position	Any
Mounting type	Line installation
Line connection	G <sup>1</sup> / <sub>2</sub> threaded collar to DIN ISO 228
Nominal size	12 mm
Valve function	2/2 closed, monostable
Flow direction	non reversible
Medium pressure	0 16 bar
Nominal pressure of process valve	16
Exhaust-air function	not throttleable
Type of reset	mechanical spring
Type of piloting	With external control
Pneumatic connection	Female thread G1/8
Working pressure	6 10 bar
Medium	Vapour
	Inert gases
	Filtered compressed air, degree of filtration 200 µm
Flow direction	Above valve seat, for gaseous media
Operating medium	Compressed air in accordance with IS08573-1:2010 [7:4:4]
Max. viscosity	600 mm2/s
Medium temperature	-10 80 °C
Ambient temperature	-10 60 °C
Flow rate Kv	3.5 m3/h
Materials note	Contains PWIS substances
	Conforms to RoHS
Material process valve housing	Gunmetal (red brass)
Material number, process valve housing	СС499К
Material spindle seal	NBR
Material seat seal	PTFE
Product weight	1,200 g
CE symbol (see declaration of conformity)	according to EU-Ex protection guideline (ATEX)
ATEX category Gas	2G
ATEX category Dust	II 2D
Explosion ignition protection type Gas	Ex h IIC T6T3 Gb X
Explosion ignition protection type Dust	Ex h IIIC T80°CT200°C Db X
Explosion-proof ambient temperature	-10°C <= Ta <= +60°C
Corrosion resistance classification CRC	1 - Low corrosion stress
Material drive housing	Brass



## **FESTO**