

Valve manifold VTSA-FB

Part number: 539217

FESTO



Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	5/2, bistable 5/3, connection 2 pressurized, 4 exhausted 5/2, monostable 2x3/2, closed, monostable 5/3, closed 2x2/2 closed, monostable 5/2, monostable, safety function 5/3, exhausted 5/3, pressurized 2x3/2, open, monostable 2x3/2, open/closed, monostable 5/2, bistable, dominant
KC characters	KC EMC
Valve size	52 mm 26 mm 65 mm 42 mm 18 mm
Max. standard nominal flow rate	4000 l/min at 65 mm 2900 l/min at 52 mm 550 l/min at 18 mm 1300 l/min at 42 mm 1100 l/min at 26 mm
Pneumatic working port	G1/4 QS-12 G1/2 G3/8 QS-6 G1/8 QS-16 QS-8 QS-10 QS-14
Operating pressure	-0.9 bar ... 10 bar
Electrical actuation	Ethernet Fieldbus Integrated controller
Max. no. of valve positions	32
Max. no. of pressure zones	32
Electrical I/O system	yes
Ambient temperature	-5 °C ... 50 °C
Degree of protection	NEMA 4 IP65

Feature	Value
Certification	BIA C-Tick c UL us - Recognized (OL)
Type code	VTSA
Exhaust air function	Via throttle plate
Actuation type	Electrical
Valve terminal type	44
Design	Piston gate valve
Pilot air supply port	Internal External
Valve manifold design	Modular, pneumatic valve sizes can be mixed
Signal status display	LED
Operating pressure for valve manifold with internal pilot air supply	3 bar ... 10 bar
Pilot pressure	3 bar ... 10 bar
Suitability for vacuum	yes
Nominal operating voltage AC	110 V
Nominal operating voltage DC	24 V
Permissible voltage fluctuations	+/- 10 %
ATEX category gas	II 3G
Type of ignition protection for gas	Ex nA IIC T3 X Gc
Explosive ambient temperature	-5°C ≤ Ta ≤ +50°C
Explosion prevention and protection	Zone 2 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
CE marking (see declaration of conformity)	as per EU explosion protection directive (ATEX) As per EU EMC directive
Corrosion resistance class (CRC)	0 - No corrosion stress
Storage temperature	-20 °C ... 60 °C
Relative air humidity	0 - 90 %
Note on materials	RoHS-compliant