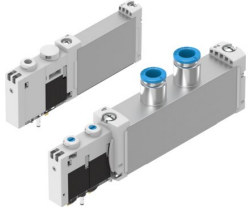


Air solenoid valve VUVG-...T1

Part number: 575203

FESTO



Data sheet

Feature	Value
Valve function	2x3/2 closed, monostable 2x3/2 open monostable 2x3/2, open/closed, monostable 3/2-way, closed, monostable 3/2-way, monostable, open 5/2-way, bistable 5/2-way, monostable 5/3-way, pressurized 5/3 exhausted 5/3-way, closed
Actuation type	Electrical
Valve size	10 mm 14 mm 18 mm
Normal nominal flow rate (normalized to DIN 1343)	130 l/min...1200 l/min
Pneumatic working port	Flange M5 M7 G1/8 G1/4
Operating voltage	24V DC
Operating pressure	-0.09 MPa...1 MPa -0.9 bar...10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring Pneumatic spring
Certification	c UL us - recognized (OL)
Degree of protection	IP40 IP65 IP67
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Type of control	Piloted
Pilot air supply port	External
Lap	Positive overlap Indeterminate overlap

Feature	Value
Signal status display	LED
Max. switching frequency	3 Hz
Duty cycle	100%
Max. positive test pulse with 0 signal	1600 µs
Max. negative test pulse on 1 signal	3000 µs
Coil characteristics	22 V DC: 1.0 W
Permissible voltage fluctuations	+/- 10%
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)
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Restricted ambient and media temperature	-5 - 50 °C Without holding current reduction
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-5 °C...60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C...60 °C
Electrical connection	Via sub-base
Type of mounting	On terminal strip
Note on materials	RoHS compliant
Seals material	HNBR NBR
Housing material	Wrought aluminum alloy