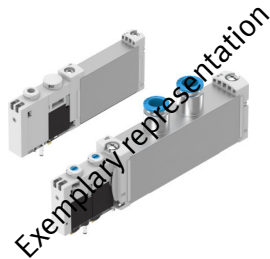


Solenoid valve VUVG-...T1

Part number: 575203

FESTO



 General operating condition

Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	2x3/2-way, monostable, closed 2x3/2-way, open, monostable 2x3/2-way, open/closed, monostable 3/2-way, closed, monostable 3/2 open, monostable 5/2 bistable 5/2-way, monostable 5/3-way, pressurised 5/3 exhausted 5/3 closed
Type of actuation	Electric
Valve size	10 mm
Standard nominal flow rate (standardised 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
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Type of reset	Mechanical spring Pneumatic spring
Approval	c UL us - Recognized (OL)
Degree of protection	IP40 IP65 IP67
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Type of piloting	Pilot actuated
Pilot air supply	External
lap	Overlap Indefinite overlap
Signal status display	LED
Max. switching frequency	3 Hz
Duty cycle	100%
Max. positive test pulse with 0 signal	1600 µs

Feature	Value
Max. negative test pulse with 1 signal	3000 µs
Characteristic coil data	22 V DC: 1.0 W
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
Restrictions for environmental and media temperature	-5 ... 50° C Without holding current reduction
Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Media temperature	-5 °C ... 60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 60 °C
Electrical connection	Via sub-base
Type of mounting	On manifold rail
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Wrought aluminium alloy