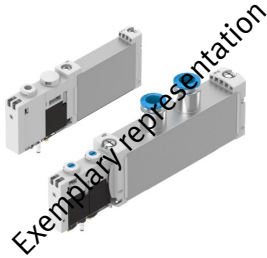


# Solenoid valve VUVG-...T1

Part number: 575203

FESTO



 General operating condition

## Data sheet

Overall data sheet – Individual values depend upon your configuration.

Feature	Value
Valve function	2x3/2 closed monostable 2x3/2 open monostable 2x3/2-way, open/closed, monostable 3/2-way, single solenoid, closed 3/2-way, single solenoid, open 5/2-way, double solenoid 5/2-way, single solenoid 5/3-way, pressurised 5/3 exhausted 5/3-way, closed
Type of actuation	Electrical
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	24 V 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 - Recognised (Oil)
Degree of protection	IP40 IP65 IP67
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Type of piloting	Piloted
Pilot air supply	External
lap	Overlap Indeterminate 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 E-box
Type of mounting	On manifold rail
Note on materials	RoHS compliant
Material seals	HNBR NBR
Material housing	Wrought aluminium alloy