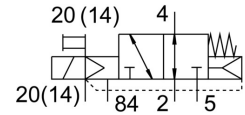


# Solenoid valve VUVG-B10Z-M32U-RZT-F-1T1L

Part number: 8028232

**FESTO**



## Data sheet

Feature	Value
Valve function	3/2 open, single solenoid
lap	Positive overlap
Type of actuation	Electric
Valve size	10 mm
Standard nominal flow rate	130 l/min
pneumatic working port	Flange
Operating voltage	24 V DC
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Type of reset	Mechanical spring Pneumatic spring
Degree of protection	IP65 IP67
Approval	c CSA us (OL) c UL us - Recognized (OL)
Short type code	VUVG
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Pilot air supply	External
Symbol	00995406
Signal status display	LED
Pilot pressure	2.5 bar ... 8 bar
Max. switching frequency	3 Hz
Switching time off	17 ms
Switching time on	9 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	1600 µs
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)

Feature	Value
Vibration resistance	Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6
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
Temperature of medium	-5 °C ... 60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 60 °C
Product weight	53 g
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