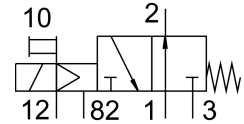


# Solenoid valve VUVS-LT30-M32U-MZD-G38-F8-1B2

Part number: 8036684

FESTO



## Data sheet

Feature	Value
Valve function	3/2 open, single solenoid
Type of actuation	Electric
Valve size	31 mm
Standard nominal flow rate	1600 l/min
pneumatic working port	G3/8
Operating voltage	24V DC
Operating pressure	0.1 MPa...1 MPa 1 bar...10 bar
Design	Poppet seat
Type of reset	Mechanical spring
Approval	c UL us - Recognized (OL)
Degree of protection	IP65 With plug socket To IEC 60529
Nominal size	7.9 mm
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
Flow direction	Non-reversible
lap	Underlap
Pilot pressure	0.25 MPa...1 MPa 2.5 bar...10 bar
b value	0.2
C value	7 l/sbar
Switching time off	36 ms
Switching time on	14 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	2000 $\mu$ s
Max. negative test pulse with 1 signal	3600 $\mu$ s

Feature	Value
Characteristic coil data	24 V DC: 3.3 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
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
Media temperature	-10 °C...60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C...60 °C
Product weight	359 g
Electrical connection	Type B To industry standard (11 mm)
Type of mounting	Either: On manifold rail With through-hole
Breather connection	Not ducted
Pilot exhaust port 82	M5
Pilot air port 12	G1/8
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Note on materials	RoHS-compliant
Material seals	HNBR NBR TPE-U(PU)
Material housing	Painted die cast aluminium
Material piston slide	Wrought aluminium alloy
Material screws	Galvanised steel