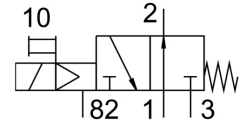


Air solenoid valve VUVS-LT20-M32U-MD-G18-F7-1C1

Part number: 577513

FESTO



Data sheet

Feature	Value
Valve function	3/2, open, monostable
Material of screws	Steel, galvanized
Lap	Underlap
Actuation type	Electrical
Valve size	21 mm
Standard nominal flow rate	600 l/min
Pneumatic working port	G1/8
Operating voltage	24V DC
Operating pressure	2.5 bar ... 10 bar
Design	Plate seat
Reset method	Mechanical spring
Degree of protection	IP65 With plug socket as per IEC 60529
Certification	c UL us - Recognized (OL)
Nominal width	5.2 mm
Type code	VUVS
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00991140
b-value	0.29
C value	2.3 l/sbar
Switching time off	24 ms
On switching time	10 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	1900 µs
Max. negative test pulse on 1 signal	2700 µs
Coil characteristics	24 V DC: 2.6 W
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
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
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
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
Product weight	146 g
Electrical connection	Form C
Type of mounting	On terminal strip With through-hole Optionally:
Venting hole connection	Not ducted
Pilot exhaust air port 82	M5
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	G1/8
Note on materials	RoHS-compliant
Seals material	HNBR NBR TPE-U(PU)
Housing material	Die-cast aluminum Painted