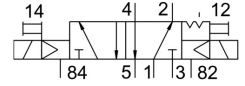


# Air solenoid valve VUVS-LT20-B52-D-N18-F7

FESTO

Part number: 577507



## Data sheet

Feature	Value
Valve function	5/2, bistable
Material of screws	Steel, galvanized
Lap	Underlap
Actuation type	Electrical
Valve size	21 mm
Standard nominal flow rate	500 l/min
Pneumatic working port	1/8 NPT
Operating pressure	1.5 bar ... 10 bar
Design	Plate seat
Certification	c UL us - Recognized (OL)
Nominal width	5 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	00995754
b-value	0.27
C value	2.1 l/sbar
Changeover time	8 ms
Max. positive test pulse with 0 signal	1900 µs
Max. negative test pulse on 1 signal	2700 µs
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
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	-10 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Product weight	181 g

<b>Feature</b>	<b>Value</b>
Type of mounting	Optionally: On terminal strip With through-hole
Venting hole connection	Not ducted
Pilot exhaust air port 82	10-32 UNF-2B
Pilot exhaust air port 84	10-32 UNF-2B
Pneumatic connection 1	1/8 NPT
Pneumatic connection 2	1/8 NPT
Pneumatic connection 3	1/8 NPT
Pneumatic connection 4	1/8 NPT
Pneumatic connection 5	1/8 NPT
Note on materials	RoHS-compliant
Seals material	HNBR NBR TPE-U(PU)
Housing material	Die-cast aluminum Painted