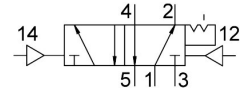


Pneumatic valve VUWS-LT25-B52-N14

Part number: 8035223

FESTO



 General operating condition

Data sheet

Feature	Value
Valve function	5/2, bistable
Actuation type	Pneumatic
Valve size	26.5 mm
Standard nominal flow rate	1000 l/min
Pneumatic working port	1/4 NPT
Operating pressure	0.15 MPa ... 1 MPa
Operating pressure	1.5 bar ... 10 bar
Structural design	Plate seat
Certification	c UL us - Recognized (OL)
Nominal width	6.6 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Direct
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00995840
Lap	Underlap
Pilot pressure MPa	0.15 MPa ... 1 MPa
Pilot pressure	1.5 bar ... 10 bar
Changeover time	6 ms
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom class	Class 6 according to ISO 14644-1
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	290 g
Type of mounting	With through-hole
Venting hole connection	Not ducted

Feature	Value
Pilot air port 12	10-32 UNF-2B
Pilot air port 14	10-32 UNF-2B
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Pneumatic connection 4	1/4 NPT
Pneumatic connection 5	1/4 NPT
Note on materials	RoHS-compliant
Seals material	HNBR NBR TPE-U(PU)
Housing material	Painted
Material of screws	Steel, galvanized