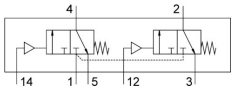
Pneumatic valve
VUWS-LT20-T32C-M-G18

Part number: 577529



General operating condition

Data sheet

Feature	Value
Valve function	2x3/2, closed, monostable
Actuation type	Pneumatic
Valve size	21 mm
Normal nominal flow rate (normalized to DIN 1343)	600 l/min
Pneumatic working port	G1/8
Operating pressure	-0.09 MPa ... 1 MPa
Operating pressure	-0.9 bar ... 10 bar
Structural design	Plate seat
Reset method	Mechanical spring
Certification	c UL us - Recognized (OL)
Nominal width	5.2 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	00995852
Lap	Underlap
Pilot pressure MPa	0.15 MPa ... 1 MPa
Pilot pressure	1.5 bar ... 10 bar
Switching time off	19 ms
On switching time	6 ms
Explosion prevention and protection	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
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 suitability, measured according to ISO 14644-14	Class 6 according to ISO 14644-1

Feature	Value
Temperature of medium	-10 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 60 °C
Product weight	153 g
Type of mounting	On terminal strip With through-hole
Venting hole connection	Not ducted
Pilot air port 12	M5
Pilot air port 14	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	Painted
Material of screws	Steel, galvanized