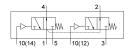
Pneumatic valve VUWS-LT20-T32U-M-N18

Part number: 577537







Data sheet

Actuation type Pneumatic Valve size 21 mm Standard nominal flow rate 600 l/min Pneumatic working port 1/8 NPT Operating pressure -0.09 MPa1 MPa -0.9 bar10 bar Structural design Plate seat Reset method Certification CUL 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 Internal Flow direction Non-reversible Lap Underlap Underlap Pilot pressure MPa 0.15 MPa1 MPa Pilot pressure 1.5 bar10 bar Switching time off 0 Serve the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX) Compressed air as per ISO 8573-1:2010 [7:4:4] Internal condition test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Feature	Value
Valve size Standard nominal flow rate 600 l/min Preumatic working port 1/8 NPT -0.09 MPa1 MPa -0.9 bar10 bar Structural design Plate seat Reset method Mechanical spring Certification Cut u.s - Recognized (OL) Nominal width S.2 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override None Pilot air supply port Internal Flow direction Internal Plot pressure MPa Pilot pressure MPa Pilot pressure 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil lubrication test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Valve function	2x3/2, open, monostable
Standard nominal flow rate Pneumatic working port 1/8 NPT Operating pressure -0.99 MPa1 MPa -0.99 bar10 bar Structural design Reset method Mechanical spring Certification c UL us - Recognized (OL) Nominal width 5.2 mm Exhaust air function Soft Mounting position Any Manual override None Type of control Direct Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Compressed ir as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Tansport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Actuation type	Pneumatic
Pneumatic working port Operating pressure -0.99 MPa1 MPa -0.99 bar10 bar Plate seat Reset method Mechanical spring Certification Cut.us - Recognized (OL) Nominal width 5.2 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Manual override None Type of control Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure 1.5 bar10 bar Switching time off On switching time off On switching time Explosion prevention and protection Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with a severity level 2 as per FN 942017-4 and EN 60068-2-6	Valve size	21 mm
Operating pressure -0.09 MPa1 MPa -0.9 bar10 bar Structural design Plate seat Reset method Mechanical spring Certification Cull 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 Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure None Pilot pressure 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Tonsprat polication test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Standard nominal flow rate	600 l/min
-0.9 bar10 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 Plot air supply port Internal Flow direction Non-reversible Lap Underlap Underlap Pilot pressure MPa Dis bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Tornsport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Pneumatic working port	1/8 NPT
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 Lap Pilot pressure MPa Pilot pressure 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Cone 2 (Operating pressure	
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 Lap Underlap Pilot pressure MPa 0.15 MPa1 MPa Pilot pressure MPa On switching time off 18 ms Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) 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) Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Structural design	Plate seat
Nominal width 5.2 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override None Type of control Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure MPa 0.15 MPa1 MPa Pilot pressure 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Reset method	Mechanical spring
Exhaust air function Sealing principle Mounting position Any Manual override None Type of control Pilot air supply port Lap Underlap Pilot pressure MPa Pilot pressure Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Coperating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media With flow control option Soft Any With flow control option Soft Any Mone None None Internal Non-reversible Underlap Underlap O.15 MPa1 MPa 1.5 bar10 bar Switching time off O ms 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) Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Certification	c UL us - Recognized (OL)
Sealing principle Mounting position Any Manual override None Type of control Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure MPa 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Tone 22 (ATEX) Tone parties air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Nominal width	5.2 mm
Mounting position Manual override None Type of control Direct Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure MPa O.15 MPa1 MPa Pilot pressure 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Exhaust air function	With flow control option
Manual override None Type of control Direct Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure MPa O.15 MPa1 MPa Pilot pressure 1.5 bar10 bar Switching time off On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Sealing principle	Soft
Type of control Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure MPa 0.15 MPa1 MPa Pilot pressure 1.5 bar10 bar Switching time off 18 ms On switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Mounting position	Any
Pilot air supply port Internal Non-reversible Lap Underlap Pilot pressure MPa O.15 MPa1 MPa Pilot pressure 1.5 bar10 bar Switching time off I8 ms On switching time 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 Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Manual override	None
Non-reversible Underlap Underlap Pilot pressure MPa 0.15 MPa1 MPa Pilot pressure 1.5 bar10 bar Switching time off On switching time 6 ms Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (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	Type of control	Direct
Underlap O.15 MPa1 MPa Pilot pressure MPa O.15 MPa1 MPa 1.5 bar10 bar Switching time off On switching time 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] 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	Pilot air supply port	Internal
Pilot pressure MPa 0.15 MPa1 MPa 1.5 bar10 bar Switching time off 18 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	Flow direction	Non-reversible
Pilot pressure 1.5 bar10 bar Switching time off 18 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 Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Lap	Underlap
Switching time off On switching time 6 ms Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (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) Wibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Pilot pressure MPa	0.15 MPa1 MPa
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	Pilot pressure	1.5 bar10 bar
Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (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	Switching time off	18 ms
Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (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	On switching time	6 ms
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	Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX)
Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
EN 60068-2-6	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27	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

Feature	Value
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-10 °C60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C60 °C
Product weight	191 g
Type of mounting	Optionally: On terminal strip With through-hole
Venting hole connection	Not ducted
Pilot air port 10	10-32 UNF-2B
Pneumatic connection 1	1/8 NPT
Pneumatic connection 2	1/8 NPT
Pneumatic connection 3	1/8 NPT
Note on materials	RoHS-compliant
Seals material	HNBR NBR TPE-U(PU)
Housing material	Die-cast aluminum Painted
Material of screws	Steel, galvanized