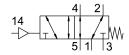
Pneumatic valve VUWS-L25-M52-M-G14

Part number: 575515







Data sheet

EN 60068-2-6	Feature	Value
Valve size 26.5 mm Standard nominal flow rate 1300 l/min Pneumatic working port 61/4 Operating pressure -0.09 MPa1 MPa -0.09 bar1 Ob bar Structural design Reset method Mechanical spring Certification Cull us - Recognized (OL) Nominal width 6.9 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 Lap Overlap Pilot pressure Mousiling time off On switching time Explosion prevention and protection Operating medium Operating medium Operating medium Operation with oil lubrication test with severity level 2 as per FN 942017-4 an EN 60068-2-6 Transport application test with severity level 2 as per FN 942017-4 an EN 60068-2-6	Valve function	5/2, monostable
Standard nominal flow rate Pneumatic working port G1/4 Operating pressure -0.9 MPa1 MPa -0.9 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Certification Cult. us - Recognized (OL) Nominal width 6.9 mm Exhaust air function Sealing principle Soft Mounting position Any Manual override Type of control Pilot air supply port Internal Flow direction Reversible Lap Pilot pressure MPa Pilot pressure MPa On switching time Explosion prevention and protection Operating medium Operating medium Operating medium Operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 an EN 60068-2-6 Internal poly port apper Sure pre Super FN 942017-4 an EN 60068-2-6 Internal Transport application test with severity level 2 as per FN 942017-4 an EN 60068-2-6	Actuation type	Pneumatic
Pneumatic working port Operating pressure -0.09 MPa1 MPa -0.9 bar10 bar Structural design Reset method Mechanical spring Certification Cult us - Recognized (OL) Nominal width 6.9 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override None Pilot air supply port Internal Flow direction Lap Pilot pressure MPa Pilot pressure Direct Switching time off On switching time Explosion prevention and protection Operating medium Operating medium Operating medium Operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 an EN 60068-2-6 FN 1009 MPa1 MPa Pilot pressure operating and pilot media Operating metium test with severity level 2 as per FN 942017-4 an EN 60068-2-6	Valve size	26.5 mm
Operating pressure -0.09 MPa1 MPa -0.9 bar10 bar Structural design Piston gate valve Reset method Mechanical spring Certification Certification Certification With flow control option Sealing principle Soft Mounting position Any Manual override None Pilot air supply port Internal Flow direction Reversible Lap Overlap Pilot pressure MPa Pilot pressure Switching time off On switching time Explosion prevention and protection Coperating medium Operating medium Operating medium Operating and pilot media Vibration resistance Transport application test with severity level 2 as per FN 942017-4 an EN 60068-2-6	Standard nominal flow rate	1300 l/min
-0.9 bar10 bar	Pneumatic working port	G1/4
Reset method Mechanical spring Certification c UL us - Recognized (OL) Nominal width 6.9 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 Reversible Lap Overlap Pilot pressure MPa O.25 MPa1 MPa Pilot pressure MPa Pilot pressure MPa On switching time off 42 ms Switching time Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Tone system 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	Operating pressure	
Certification cultures of the compressed air as per ISO 8573-1;2010 [7:4:4] Information on operating and pilot media Cultures Annual or Indian (Internation) Cultures Recognized (OL) Any With flow control option Soft Mounting position Any Any Manual override None Type of control Pilot air supply port Internal Flow direction Reversible Lap Overlap Pilot pressure MPa Oz.5 MPa1 MPa Pilot pressure 3.5 bar10 bar Switching time off Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Coperating 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 an EN 60068-2-6	Structural design	Piston gate valve
Nominal width Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override Type of control Pilot air supply port Internal Flow direction Lap Pilot pressure MPa Pilot pressure Switching time off On switching time Explosion prevention and protection Explosion prevention and protection 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 Soft Mounting position Any Manual override Type of control Pilot air supply port Flow direction Lap Overlap Pilot pressure MPa Pilot pressure Switching time off On switching time Explosion prevention and protection Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Vibration resistance With flow control option Soft Any Any Manual coverion on None Any Any Any Any Any Any Any A	Certification	c UL us - Recognized (OL)
Sealing principle Mounting position Any Manual override Type of control Pilot air supply port Internal Flow direction Lap Overlap Pilot pressure MPa Pilot pressure Switching time off On switching time Explosion prevention and protection 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	Nominal width	6.9 mm
Mounting position Any Manual override None Type of control Direct Pilot air supply port Internal Flow direction Reversible Lap Overlap Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure 2.5 bar10 bar Switching time off 42 ms On switching time 10 ms Explosion prevention and protection Observe the information on the certificate Zone 1 (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	Exhaust air function	With flow control option
Manual override Type of control Direct Pilot air supply port Internal Flow direction Reversible Lap Overlap Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure Switching time off 42 ms On switching time 10 ms Explosion prevention and protection Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Sealing principle	Soft
Type of control Direct Pilot air supply port Internal Flow direction Reversible Lap Overlap Pilot pressure MPa O.25 MPa1 MPa Pilot pressure 2.5 bar10 bar Switching time off 42 ms On switching time 10 ms 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	Mounting position	Any
Pilot air supply port Flow direction Reversible Cap Overlap Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure Switching time off On switching time 10 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] Niformation 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
Flow direction Reversible Overlap Overlap Pilot pressure MPa O.25 MPa1 MPa Pilot pressure 2.5 bar10 bar Switching time off 42 ms On switching time 10 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 Vibration resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Type of control	Direct
Lap Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure 2.5 bar10 bar Switching time off 42 ms On switching time 10 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	Pilot air supply port	Internal
Pilot pressure MPa Pilot pressure 2.5 bar10 bar Switching time off 42 ms On switching time 10 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	Flow direction	Reversible
Pilot pressure 2.5 bar10 bar Switching time off 42 ms On switching time 10 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	Overlap
Switching time off On switching time 10 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 MPa	0.25 MPa1 MPa
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 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	2.5 bar10 bar
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	Switching time off	42 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	10 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 EN 0/2017.5 and EN 60069.2.2	Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance Silver as per this 942017-3 and this obtains	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	-10 °C60 °C
Product weight	330 g
Type of mounting	Optionally: On terminal strip With through-hole
Venting hole connection	Not ducted
Pilot air port 14	M5
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/4
Pneumatic connection 4	G1/4
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum Painted
Piston slide material	Wrought aluminum alloy
Material of screws	Steel, galvanized