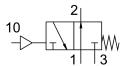
## Pneumatic valve VUWS-LT25-M32U-M-N14

Part number: 8035219







## **Data sheet**

Actuation type Pneumatic  Valve size 26.5 mm  Standard nominal flow rate 1000 l/min  Pneumatic working port 1/4 NPT  Operating pressure -0.99 MPa1 MPa -0.9 bar10 bar  Structural design Plate seat Reset method Certification C UL us - Recognized (OL)  Nominal width 6.6 mm  Exhaust air function With flow control option  Sealing principle Soft None  Mounting position Any Manual override None  Type of control Direct Internal  Flow direction Non-reversible  Lap Underlap Underlap  Pilot pressure MPa 0.25 MPa 1 MPa  Pilot pressure 2.5 bar 10 bar  Switching time off 30 ms  On switching time Supersible Any Conservation on the certificate Cone 2 (ATEX) Cone 2 (ATEX	Feature	Value
Valve size  Standard nominal flow rate  1000 I/min  Pneumatic working port  1/4 NPT  -0.09 MPa1 MPa -0.9 bar10 bar  Structural design Plate seat  Reset method Mechanical spring Certification CUL us - Recognized (OL)  Nominal width 6.6 mm Ekshaust air function With flow control option  Sealing principle Soft Mounting position Any Manual override None  Type of control Pilot air supply port Filot dir supply port Filot dir supply port Internal Ellow direction  Non-reversible Lap Underlap Underlap Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure MPa 0.25 MPa1 MPa Conswitching time Tonswitching time Tonswitching time Tonswitching time Tonswitching time Conswitching time Tonswitching time Tonswitching time Conswitching time Tonswitching time Tonsport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Valve function	3/2, open, monostable
Standard nominal flow rate Pneumatic working port  1/4 NPT  Operating pressure -0.99 MPa1 MPa -0.99 bar10 bar  Structural design Plate seat  Reset method Mechanical spring  Certification Culturs - Recognized (OL)  Nominal width -6.6 mm  Exhaust air function Soft Mounting position Any Manual override None Type of control Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure Direct Pilot pressure Direct Switching time off Do switching time Tyme Explosion prevention and protection Observes the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Vibration resistance Transport 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  6.6 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  2.5 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	26.5 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 6.6 mm  Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override None Pilot air supply port Internal Flow direction Non-reversible Lap Underlap Pilot pressure MPa O.25 MPa1 MPa Pilot pressure 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) Coperating medium Compressed in 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	Standard nominal flow rate	1000 l/min
-0.9 bar10 bar  Structural design Plate seat Reset method Mechanical spring 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 Plot air supply port Internal Flow direction Non-reversible Lap Underlap Underlap Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure Switching time off On switching time Tyms 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  Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6	Pneumatic working port	1/4 NPT
Reset method  Mechanical spring  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  Lap  Pilot pressure MPa  Pilot pressure MPa  Posswitching time off  On switching time  Explosion prevention and protection  Observe the information on the certificate  Zone 1 (ATEX)  Zone 2 (ATE	Operating pressure	
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  Lap Underlap  Pilot pressure MPa 0.25 MPa1 MPa  Pilot pressure MPa  On switching time off 30 ms  Con switching time  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) Conpressed 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 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 Lap Underlap Pilot pressure MPa 0.25 MPa1 MPa Pilot pressure 2.5 bar10 bar  Switching time off On switching time 7 ms  Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (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) 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  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  Mith flow control option  Soft  Any  Mone  None  None  None  Underlap  Underlap  0.25 MPa1 MPa  2.5 bar10 bar  30 ms  7 ms  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 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  2.5 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)  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	6.6 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.25 MPa1 MPa Pilot pressure 2.5 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  0.25 MPa1 MPa  Pilot pressure  2.5 bar10 bar  Switching time off  30 ms  Con switching time  Explosion prevention and protection  Observe the information on the certificate  Zone 1 (ATEX)  Zone 2 (ATEX)  Zone 22 (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	Sealing principle	Soft
Type of control  Pilot air supply port  Internal  Flow direction  Non-reversible  Lap  Underlap  Pilot pressure MPa  0.25 MPa1 MPa  2.5 bar10 bar  Switching time off  30 ms  On switching time  Famous 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	Mounting position	Any
Pilot air supply port  Internal  Non-reversible  Lap  Underlap  Pilot pressure MPa  0.25 MPa1 MPa  Pilot pressure  2.5 bar10 bar  Switching time off  30 ms  On switching time  7 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	Manual override	None
Non-reversible Underlap Underlap Pilot pressure MPa 0.25 MPa1 MPa 2.5 bar10 bar Switching time off On switching time 7 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.25 MPa1 MPa  Pilot pressure MPa  O.25 MPa1 MPa  2.5 bar10 bar  Switching time off  On switching time  T 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 air supply port	Internal
Pilot pressure MPa  0.25 MPa1 MPa  2.5 bar10 bar  Switching time off  30 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  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  2.5 bar10 bar  30 ms  On switching time  7 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 7 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  7 ms  Conswitching time  7 ms  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
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	30 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	7 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	-5 ℃60 ℃
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 ℃60 ℃
Product weight	225 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	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Note on materials	RoHS-compliant
Seals material	HNBR NBR TPE-U(PU)
Housing material	Die-cast aluminum Painted
Material of screws	Steel, galvanized