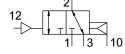
Pneumatic valve VUWS-L30-M32C-E-G38

Part number: 575577





General operating condition

Actuation type Pneumatic Valve size 31 mm Standard nominal flow rate 2300 //min Pneumatic working port G3/8 Operating pressure -0.9 MPa 1 MPa Operating pressure -0.9 Jbar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c LL us - Recognized (0L) Nominal width 9.4 mm Schang principle Soft Mounting position Any Maural override None Type of control Direct Pilot pressure 0.25 MPa 1 MPa Overlap Overlap Operating metion Any Manual override None Type of control Direct Pilot ar supply port External Flow direction Reversible Symbol 00995401 Lap Overlap On sultching time 21 ms Di pressure MPa 0.25 MPa 1 MPa Di presure flow dinection <t< th=""><th>Feature</th><th>Value</th></t<>	Feature	Value
valve size 31 mm Standard nominal flow rate 2300 l/min Pneumatic working port G3/8 Operating pressure -0.9 MPa 1 MPa Operating pressure -0.9 bar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (OL) Nominal width 9.4 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 External Reversible Symbol Oog95401 Oog95401 Lap Overlap Pilot pressure MPa 0.25 MPa 1 MPa On sultching time off 40 ms On sultching time off 40 ms Opperating 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 Shock test with severity level 2 as per FN 942017-4 and EN 60068-2-27	Valve function	3/2, closed, monostable
Standard nominal flow rate 2300 l/min Pneumatic working port G3/8 Operating pressure -0.09 MPa 1 MPa Operating pressure -0.9 Jbar 10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (0L) Nominal width 9.4 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 External Flow direction Reversible Symbol 00995401 Lap Overlap Pilot pressure MPa 2.1 bar Switching time off 40 ms Ons vitching time 21 ms Explosion prevention and protection Operested air as per IS0 8573-1:2010 [7:4:4] Information on operating and pilot media Operation with oil Ubrication possible (required for further use) Vibration resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-2 Kibra Specific Shock test w	Actuation type	Pneumatic
Pneumatic working port G3/8 Operating pressure -0.09 MPa1 MPa Operating pressure -0.9 bar10 bar Structural design Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (OL) Nominal width 9.4 mm Exhaust air function With flow control option Sealing principle Soft Mounting position Any Manual override None Direct Direct Pilot air supply port External Elow direction Reversible Symbol 00995401 Outral position Reversible Symbol 0.25 MPa 1 MPa Pilot pressure MPa 0.25 MPa 1 MPa Pilot pressure 2.5 bar 10 bar Switching time off 40 ms Onser 1 (AFEX) Zone 2 (AFEX) Zone 2 (AFEX) Zone 2 (AFEX)	Valve size	31 mm
Operating pressure-0.09 MPa 1 MPaOperating pressure-0.9 bar 10 barStructural designPiston gate valveReset methodPneumatic springCertificationcl Lu s - Recognized (OL)Nominal width9.4 mmExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideNoneType of controlDirectPilot gate yalveCompositionSymbol00995401EdapOverlapPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msSutching time21 msDesrve the information on the certificate Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX)Operating mediumOperation test with severity level 2 as per FN 942017-4 and EN 60068-2-62Shock tesistanceShock tesistanceCorrosion resistance class (CRC)2 - Noderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Standard nominal flow rate	2300 l/min
Detail Operating pressure-0.9 bar 10 barStructural designPiston gate valveReset methodPneumatic springCertificationc UL us - Recognized (OL)Nominal width9.4 mmSchaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideNoneType of controlDirectPilot air supply portExternalElow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 10 MPaPilot pressure MPa0.25 MPa 10 barSwitching time2.1 msExplosion prevention and protectionObserve the information on the certificate Zone 2 (ATEX) Zone 2 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-5 and EN 60068-2-72Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Pneumatic working port	G3/8
Piston gate valve Reset method Pneumatic spring Certification c UL us - Recognized (OL) Nominal width 9.4 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 External Flow direction Reversible Symbol 00995401 Lap Overlap Pilot pressure 2.5 bar 10 bar Switching time off 40 ms On switching time 21 ms Explosion prevention and protection Observe the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 21 (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 942017-5 and EN 60068-2-27 Corrosion resistance class (CRC) 2 - Moderate corrosion stress	Operating pressure	-0.09 MPa 1 MPa
Reset methodPneumatic springCertificationc UL us - Recognized (OL)Nominal width9.4 mmExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideNoneType of controlDirectPilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 21 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil ulbrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-5 and EN 60068-2-67Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Operating pressure	-0.9 bar 10 bar
Certificationc UL us - Recognized (0L)Nominal width9.4 mmExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideNoneType of controlDirectPilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 2 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-5 and EN 60068-2-6Shock resistanceShock resistance class (CRC)Abs (PWIS) conformityVDMA24364-B1/B2-L	Structural design	Piston gate valve
Nominal width9.4 mmExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideNoneType of controlDirectPilot air supply portExternalElsow directionReversibleSymbol0995401LapOverlapPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance LABS (PWIS) conformityVDMA24364-B1/B2-L	Reset method	Pneumatic spring
Exhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideNoneType of controlDirectPilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil ubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-5 and EN 6068-2-27Corrosion resistance (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Certification	c UL us - Recognized (OL)
Sealing principleSoftMounting positionAnyManual overrideNoneType of controlDirectPilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure for2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation to illubrication possible (required for further use)Vibrator resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock teststance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Nominal width	9.4 mm
Mounting positionAnyManual overrideNoneType of controlDirectPilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 22 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6LABS (PWIS) conformityVDMA24364-B1/B2-L	Exhaust air function	With flow control option
Manual overrideNoneType of controlDirectPilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 2 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX)Operating mediumOperating and pilot mediaInformation on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Sealing principle	Soft
Type of controlDirectPilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure for2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock resistanceShock resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Mounting position	Any
A.Pilot air supply portExternalFlow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 2 (ATEX) Zone 2 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock test sitance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Manual override	None
Flow directionReversibleSymbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Type of control	Direct
Symbol00995401LapOverlapPilot pressure MPa0.25 MPa 1 MPa2.5 bar 10 bar2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010[7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock resistanceShock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-6LABS (PWIS) conformityVDMA24364-B1/B2-L	Pilot air supply port	External
LapOverlapPilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Flow direction	Reversible
Pilot pressure MPa0.25 MPa 1 MPaPilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceShock resistanceShock resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Symbol	00995401
Pilot pressure2.5 bar 10 barSwitching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Lap	Overlap
Switching time off40 msOn switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Pilot pressure MPa	0.25 MPa 1 MPa
On switching time21 msExplosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Pilot pressure	2.5 bar 10 bar
Explosion prevention and protectionObserve the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Switching time off	40 ms
Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistance class (CRC)Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27LABS (PWIS) conformityVDMA24364-B1/B2-L	On switching time	21 ms
Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Vibration resistanceTransport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
EN 60068-2-6Shock resistanceShock test with severity level 2 as per FN 942017-5 and EN 60068-2-27Corrosion resistance class (CRC)2 - Moderate corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-L	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC) 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L	Vibration resistance	
LABS (PWIS) conformity VDMA24364-B1/B2-L	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
Temperature of medium -10 °C 60 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
	Temperature of medium	-10 °C 60 °C

Feature	Value
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C 60 °C
Product weight	394 g
Type of mounting	Optionally: On terminal strip With through-hole
Venting hole connection	Not ducted
Pneumatic spring connection 10	G1/8
Pilot air port 12	G1/8
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
Pneumatic connection 3	G3/8
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, nickel-plated