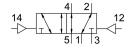
Pneumatic valve VUWS-L25-B52-G14

Part number: 575522







Data sheet

Five of actuation Preumatic Valve size 26.5 mm Standard nominal flow rate 1300 l/min operating pressure 0.09 MPa 1 MPa Operating pressure 19.5 ban 1 MPa Operating pressure 0.9 bar 1 0 bar Piston gate valve Approval Cut us - Recognized (OL) Nominal size 6.9 mm Sealing principle Soft Mounting position Mounting position Mounting position Opificat Pilot air supply Internal Flow direction Reversible Symbol O0991037 App Positive overlap Pilot pressure 0.15 MPa 1 MPa 1.15 Mar 1 MPa Positive immetion in the certificate must be observed! Zone 2 (ATEX) Z	Feature	Value
Valve size Standard nominal flow rate Standard nominal flow rate 1300 l/min noneumatic working port Operating pressure Operating principle Soft Mounting position None With flow control option Sealing principle Soft Mounting position Optional Manual override None With flow control option Optional Manual override None Operating position Operating pressure Operating pressure Operating medium Operating time reversal Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Ubricated operation possible (in which case lubricated operation will always be required) Note on operating and pilot medium Ubricated operation possible (in which case lubricated operation will always be required) Always be required always be required always be required operation possible (in which case lubricated operation will always be required) Operating medium Ope	Valve function	5/2 double solenoid
Standard nominal flow rate Denating pressure Deprating pressure Deprating pressure Deprating pressure Design Approval C UL us - Recognized (OL) Nominal size Exhaust-air function Soft Mounting position Manual override None Pilot air supply Internal Flow direction Pessure Design Positive overlap Diressure Dire	Type of actuation	Pneumatic
Series of the composition of the	Valve size	26.5 mm
Operating pressure Operating operating operating medium Operating medium Operating pressure Operating medium Operating medium Operating pressure Operating medium Operating medium Operating medium Operating medium Operating and pilot medium Operating and pilot medium Operating operating on operating and pilot medium Operating operating on operating operation	Standard nominal flow rate	1300 l/min
Departing pressure Design Piston gate valve CUL us - Recognized (OL) Nominal size 6.9 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position Manual override None Pilot air supply Internal Flow direction Reversible Positive overlap Pilot pressure 0.15 MPa 1 MPa Pilot pressure 1.5 bar 1 0 bar Switching time reversal 10 ms Explosion protection The information in the certificate must be observed! Zone 2 (ATEX) Sone conservative level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance LABS (PWIS) conformity Wedia temperature VolMA24364-B1/B2-L Wedia temperature VolMA24364-B1/B2-L Wedia temperature Vibraction volume account of the conservative service of the conservative services of the corrosion stress Volumedia temperature - 10 °C 60 °C Volumedia temperature Vibraction test with severity level 2 to FN 942017-5 and EN 60068-2-27 Volumedia temperature Voluma24364-B1/B2-L Wedia temperature	pneumatic working port	G1/4
Piston gate valve Approval Approval C UL us - Recognized (OL) Nominal size 6.9 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position Jone Manual override None Type of piloting Direct Pilot air supply Internal Flow direction Reversible Symbol O0991037 Jap Positive overlap Pilot pressure 0.15 MPa 1 MPa Pilot pressure 1.5 bar 10 bar Switching time reversal 10 ms Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 23 (ATEX) Zone 24 (ATEX) Zone 25 (ATEX) Zone 25 (ATEX) Zone 26 (ATEX) Zone 27 (ATEX) Zone 27 (ATEX) Zone 28 (ATEX) Zone 29 (ATEX) Zone 29 (ATEX) Zone 20	Operating pressure	-0.09 MPa 1 MPa
Approval c UL us - Recognized (OL) Nominal size 6.9 mm Exhaust-air function With flow control option Sealing principle Soft Mounting position optional Manual override None Prope of piloting Direct Pilot air supply Internal Flow direction Reversible Symbol 00991037 ap Positive overlap Pilot pressure 0.15 MPa 1 MPa Pilot pressure 1.5 bar 10 bar Switching time reversal 10 ms Explosion protection The information in the certificate must be observed! Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 23 (ATEX) Zone 25 (ATEX) Zone 27 (ATEX) Zone 27 (ATEX) Zone 28 (ATEX) Zone 28 (ATEX) Zone 29 (ATEX) Zone 20 (ATEX) Zone 20 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 25 (ATEX) Zone 25 (ATEX) Zone 27 (ATEX) Zone 27 (ATEX) Zone 28 (ATEX) Zone 29 (ATEX) Zone 20 (ATEX) Zone 20 (ATEX) Zone 20 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 21	Operating pressure	-0.9 bar 10 bar
Nominal size Exhaust-air function With flow control option Sealing principle Soft Mounting position Manual override Pilot air supply Internal Flow direction Reversible Symbol 30991037 3ap Positive overlap Pilot pressure 0.15 MPa 1 MPa Pilot pressure 1.5 bar 10 bar Switching time reversal 10 ms Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Sone 3008-2-6 Shock resistance Transport application test with severity level 2 to FN 942017-5 and EN 60068-2-27 Shock resistance Corrosion resistance class CRC 2 - Moderate corrosion stress Media temperature Media temperature VDMA24364-B1/B2-L Media temperature Vola 60 °C	Design	Piston gate valve
Exhaust-air function Sealing principle Soft Mounting position Manual override None Pilot air supply Internal Flow direction Seymbol app Pilot pressure 1.5 bar 10 bar Switching time reversal Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Corrosion resistance Shock resistance Shock resistance Shock resistance Shock resistance Corrosion resistance class CRC 2 - Moderate corrosion stress With flow control option Soft With flow control option Soft Optional None Soft None Soft None Optional None Soft None Optional None None None None Optional None None Optional	Approval	c UL us - Recognized (OL)
Sealing principle Soft Mounting position Manual override None Direct Internal Flow direction Reversible Symbol Joep 1 Joep 2 Joep 2 Joep 3 Joep 3 Joep 3 Joep 3 Joep 4 Joep 3 Joep 4 Joep	Nominal size	6.9 mm
Mounting position Manual override Minual over	Exhaust-air function	With flow control option
Manual override Type of piloting Direct Type of piloting Direct Pilot air supply Internal Flow direction Reversible Symbol O0991037 ap Positive overlap Pilot pressure O.15 MPa 1 MPa Pilot pressure I.5 bar 10 bar Switching time reversal Internation in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Cone and pilot medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Shock resistance Shock resistance Shock resistance Corrosion resistance class CRC 2 - Moderate corrosion stress WDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Sealing principle	Soft
Direct Pilot air supply Internal Flow direction Reversible Symbol O0991037 Rap Positive overlap Pilot pressure O.15 MPa 1 MPa Pilot pressure 1.5 bar 10 bar Switching time reversal Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Explosion protection Compressed air to ISO 8573-1:2010 [7:4:4] Ubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Corrosion resistance Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-7 Corrosion resistance class CRC 2 - Moderate corrosion stress UDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Mounting position	optional
Pilot air supply Flow direction Reversible Symbol O0991037 Jap Positive overlap Pilot pressure O.15 MPa 1 MPa Pilot pressure 1.5 bar 10 bar Switching time reversal Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Deparating medium Compressed air to 150 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Manual override	None
Reversible Symbol O0991037 Jap Positive overlap O.15 MPa 1 MPa 1.5 bar 10 bar Switching time reversal Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Wibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-7 Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Type of piloting	Direct
Positive overlap Positive overlap Pilot pressure 0.15 MPa 1 MPa 1.5 bar 10 bar Switching time reversal 10 ms Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Zone 22 (ATEX) Poperating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Wibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Pilot air supply	Internal
Positive overlap O.15 MPa 1 MPa 1.5 bar 10 bar Switching time reversal 10 ms Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Flow direction	Reversible
Pilot pressure 0.15 MPa 1 MPa 1.5 bar 10 bar Switching time reversal 10 ms Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Symbol	00991037
Pilot pressure 1.5 bar 10 bar 10 ms Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 22 (ATEX) Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	lap	Positive overlap
Switching time reversal Explosion protection The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Pilot pressure	0.15 MPa 1 MPa
The information in the certificate must be observed! Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Operating medium Compressed air to ISO 8573-1:2010 [7:4:4] Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Pilot pressure	1.5 bar 10 bar
Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Departing medium Compressed air to ISO 8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Switching time reversal	10 ms
Lubricated operation possible (in which case lubricated operation will always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Explosion protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX)
always be required) Vibration resistance Transport application test with severity level 2 to FN 942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
60068-2-6 Shock resistance Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27 Corrosion resistance class CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Note on operating and pilot medium	
Corrosion resistance class CRC 2 - Moderate corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Media temperature -10 °C 60 °C	Vibration resistance	
LABS (PWIS) conformity VDMA24364-B1/B2-L 4-10 °C 60 °C	Shock resistance	Shock test with severity level 2 to FN 942017-5 and EN 60068-2-27
Media temperature -10 °C 60 °C	Corrosion resistance class CRC	2 - Moderate corrosion stress
	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Pilot medium Compressed air to ISO 8573-1:2010 [7:4:4]	Media temperature	-10 °C 60 °C
	Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]

Feature	Value
Ambient temperature	-10 °C 60 °C
Product weight	363 g
Type of mounting	Either: On manifold rail With through-hole
Breather connection	Not ducted
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Die-cast aluminium Painted
Material piston slide	Wrought aluminium alloy
Material screws	Galvanised steel