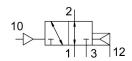
Pneumatic valve VUWS-L30-M32U-E-G38 Part number: 575592

FESTO





General operating condition

Actuation type Aleve size 31 mm 3200 l/min Actual and nominal flow rate 3200 l/min Apperating pressure 30.9 MPa 1 MPa 30perating pressure 40.9 MPa 1 MPa 30perating pressure 40.9 MPa 1 MPa 30perating pressure 40.9 MPa 1 MPa 30perating pressure 40perating pressure 50perating medium 50perat	Feature	Value
As standard nominal flow rate 13 1 mm 13 200 L/min 14 cheumatic working port 15 3/8 15 perating pressure 16 9/9 bar 1 MPa 16 perating pressure 17	Valve function	3/2, open, monostable
Attandard nominal flow rate 2300 l/min 63/8 O.09 MPa 1 MPa O.9 perating pressure 0.09 MPa 10 bar Firstructural design Piston gate valve Reset method Pneumatic spring Reset method Pneumatic spring Reset method Pneumatic spring Reset method Rominal width Pneumatic spring Reset method Reset	Actuation type	Pneumatic
meumatic working port G3/8 Operating pressure O-0.9 MPa 1 MPa Operating pressure O-0.9 bar 1 0 bar Fistor gate valve Fistor gate v	Valve size	31 mm
Operating pressure Operating medium Operating medium Operating medium Operating medium Operating medium Operating medium Operating media Operation with oil lubrication possible (required for further use) Operating resistance Operation resistance Operation resistance Operation resistance Operation such severity level 2 as per FN 942017-5 and EN 60068-2-27 operation such os stress Operation resistance Operation on operating such oscillations on the certificate operation on the operating such operating operating such of severity level 2 as per FN 942017-5 and EN 60068-2-27 operation resistance Operation resistance Operation on operating	Standard nominal flow rate	2300 l/min
Departing pressure Department pressure Department pressure Department pressure Department	Pneumatic working port	G3/8
Piston gate valve Precuratic design Piston gate valve Preumatic spring cut us - Recognized (OL) Jornal width Jornal width Soft Anum Anual override None Pype of control Jordal width Poyrable Pressure Provincia Provin	Operating pressure	-0.09 MPa 1 MPa
Preumatic spring certification c UL us - Recognized (OL) dominal width 9.4 mm Abaust air function With flow control option sealing principle Soft Anounting position Anny Ananual override None Yee of control Pilot air supply port External Now direction Reversible Overlap Overlap Overlap Otiot pressure MPa O.25 MPa 1 MPa Silot pressure Silot pressure 2.5 bar 10 bar With flow and protection Observe the information on the certificate Zone 21 (ATEX) Zone 21 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 23 (ATEX) Zone 24 (ATEX) Zone 25 (ATEX) Zone 25 (ATEX) Zone 26 (ATEX) Zone 27 (ATEX) Zon	Operating pressure	-0.9 bar 10 bar
certification c UL us - Recognized (OL) Iominal width 9.4 mm With flow control option Soft Mounting principle Soft Mounting position Anny Manual override None Operating time off On switching time Operating medium Operating medium normation on operating and pilot media Final control option Cult us - Recognized (OL) With flow control option With flow control option Soft Any Any Any Any Any Any Any An	Structural design	Piston gate valve
tominal width Schaust air function With flow control option Soft Any Anual override You of control Joine of the control Join	Reset method	Pneumatic spring
Anust air function With flow control option Sealing principle Soft Anny Annual override None Specification Anny None Direct External Sealing principle External Sealing principle Soft Anny None Direct External Sealing principle External Sealing principle External Sealing principle Soft Anny None Direct External Sealing principle External Sealing principle Sealing principle Sealing principle Sealing principle Sealing principle Sealing principle Soft Anny None Sealing principle Sealing principle Sealing principle Soft Anny None Sealing principle Sealing principle Soft Anny None Sealing principle Sealing principle Sealing principle Sealing principle Soft Anny None Sealing principle Sealing principle Sealing principle Sealing princ	Certification	c UL us - Recognized (OL)
sealing principle Mounting position Any Manual override None Spe of control Direct External Reversible Symbol Special Specia	Nominal width	9.4 mm
Annual override Annual override None Very pe of control Direct Very pe of control Direct Very period of the very period of the very period over the very peri	Exhaust air function	With flow control option
Annual override Apply of control Direct External Dow direction Reversible Owerlap Overlap Overlap Overlap Overlap Oliot pressure MPa Direct External Owerlap Overlap Ov	Sealing principle	Soft
Direct External low direction Reversible Symbol O0995402 ap Overlap Pilot pressure MPa O2.5 MPa 1 MPa Pilot pressure Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Zone 2 (ATEX) Perating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation resistance Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-27 Corrosion resistance Class (CRC) ABS (PWIS) conformity VDMA24364-B1/B2-L	Mounting position	Any
External low direction Reversible symbol ap Overlap Overlap Outerlap	Manual override	None
Reversible Symbol Operatop Overlap Overlap Overlap Oz5 MPa 1 MPa Zobersource MPa Ox6 MPa 1 MPa Zobersource MPa Ox7 MPa Ox8 MPa 1 MPa Zobersource MPa Zobersource MPa Zobersource MPa Ox8 MPa 1 MPa Zobersource MPa Zobersour	Type of control	Direct
overlap Overla	Pilot air supply port	External
Overlap Overla	Flow direction	Reversible
Did pressure MPa O.25 MPa 1 MPa 2.5 bar 10 bar 40 ms On switching time off 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 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 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 2 - Moderate corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L	Symbol	00995402
2.5 bar 10 bar 40 ms 21 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] Operation 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 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 ABS (PWIS) conformity VDMA24364-B1/B2-L	Lap	Overlap
Switching time off A0 ms 21 ms Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) ADPERATING MICHIGAN STREET ST	Pilot pressure MPa	0.25 MPa 1 MPa
On switching time 21 ms 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) 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 Corrosion resistance class (CRC) 2 - Moderate corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L	Pilot pressure	2.5 bar 10 bar
Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX) Zone 22 (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) 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 Corrosion resistance class (CRC) 2 - Moderate corrosion stress VDMA24364-B1/B2-L	Switching time off	40 ms
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] Operation 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 Shock resistance Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27 Torrosion resistance class (CRC) 2 - Moderate corrosion stress VDMA24364-B1/B2-L	On switching time	21 ms
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 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 ABS (PWIS) conformity VDMA24364-B1/B2-L	Explosion prevention and protection	Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX)
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 Corrosion resistance class (CRC) 2 - Moderate corrosion stress VDMA24364-B1/B2-L	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
EN 60068-2-6 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 ABS (PWIS) conformity VDMA24364-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 VDMA24364-B1/B2-L	Vibration resistance	
ABS (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
Class 6 according to ISO 14644-1	LABS (PWIS) conformity	VDMA24364-B1/B2-L
	Cleanroom class	Class 6 according to ISO 14644-1

Feature	Value
Temperature of medium	-10 °C 60 °C
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	On terminal strip With through-hole Optionally:
Venting hole connection	Not ducted
Pneumatic spring connection 12	G1/8
Pilot air port 10	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