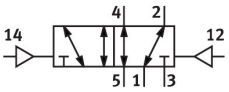
Pneumatic valve
VUWS-L25-B52-N14

Part number: 575557



Data sheet

Feature	Value
Valve function	5/2 double solenoid
Type of actuation	Pneumatic
Valve size	26.5 mm
Standard nominal flow rate (standardised to DIN 1343)	1300 l/min
pneumatic working port	1/4 NPT
Operating pressure	-0.09 MPa...1 MPa -0.9 bar...10 bar
Design	Piston gate valve
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
Type of piloting	Direct
Pilot air supply	Internal
Flow direction	Reversible
lap	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 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

Feature	Value
Cleanroom class	Class 6 according to ISO 14644-1
Media temperature	-10 °C...60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C...60 °C
Product weight	363 g
Type of mounting	On manifold rail With through-hole Either:
Breather connection	Not ducted
Pilot air port 12	10-32 UNF-2B
Pilot air port 14	10-32 UNF-2B
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Pneumatic connection, port 3	1/4 NPT
Pneumatic connection, port 4	1/4 NPT
Pneumatic connection, port 5	1/4 NPT
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