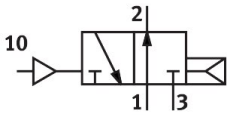
Pneumatic valve
VUWS-L30-M32U-A-G38

Part number: 575591



Data sheet

Feature	Value
Valve function	3/2 open, monostable
Type of actuation	Pneumatic
Valve size	31 mm
Standard nominal flow rate (standardised to DIN 1343)	2300 l/min
pneumatic working port	G3/8
Operating pressure	0.25 MPa...1 MPa 2.5 bar...10 bar
Design	Piston gate valve
Type of reset	Pneumatic spring
Approval	c UL us - Recognized (OL)
Nominal size	9.4 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	Non-reversible
lap	Overlap
Pilot pressure	0.25 MPa...1 MPa 2.5 bar...10 bar
Switching time off	37 ms
Switching time on	19 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

Feature	Value
Corrosion resistance class CRC	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	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	394 g
Type of mounting	Either: On manifold rail With through-hole
Breather connection	Not ducted
Pilot air port 10	G1/8
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Die-cast aluminium Painted
Material piston slide	Wrought aluminium alloy
Material screws	Nickel-plated steel