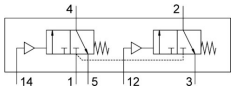
Pneumatic valve
VUWS-LT20-T32C-M-G18

Part number: 577529



General operating condition

Data sheet

Feature	Value
Valve function	2x3/2 closed monostable
Type of actuation	Pneumatic
Valve size	21 mm
Standard nominal flow rate (standardised to DIN 1343)	600 l/min
pneumatic working port	G1/8
Operating pressure	-0.09 MPa ... 1 MPa
Operating pressure	-0.9 bar ... 10 bar
Design	Poppet seat
Type of reset	Mechanical spring
Approval	c UL us - Recognised (Oil)
Nominal size	5.2 mm
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of piloting	Direct
Pilot air supply	Internal
Flow direction	Non-reversible
Symbol	00995852
lap	Underlap
Pilot pressure	0.15 MPa ... 1 MPa
Pilot pressure	1.5 bar ... 10 bar
Switching time off	19 ms
Switching time on	6 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 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	-5 °C ... 60 °C
Product weight	153 g
Type of mounting	On manifold rail With through-hole
Breather connection	Not ducted
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Note on materials	RoHS compliant
Material seals	HNBR NBR TPE-U(PU)
Material housing	painted
Material screws	Galvanised steel