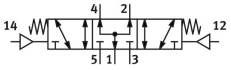
Pneumatic valve
VUWG-L18-P53U-G14

Part number: 574274





Data sheet

Feature	Value
Valve function	5/3-way, pressurized
Actuation type	Pneumatic
Valve size	18 mm
Normal nominal flow rate (normalized to DIN 1343)	1000 l/min
Pneumatic working port	G1/4
Operating pressure	-0.9 bar...10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Width dimension	19 mm
Exhaust air function	Adjustable
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	directly
Flow direction	Reversible
Lap	Indeterminate overlap
Pilot pressure	3 bar...10 bar
Suitability for vacuum	Yes
Switching time off	69 ms
On switching time	17 ms
Changeover time	34 ms
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)
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Cleanroom suitability, measured according to ISO 14644-14	Class 5 according to ISO 14644-1
Temperature of medium	-5 °C...50 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C...60 °C
Product weight	152 g
Type of mounting	Alternatively: On PR manifold rail

Feature	Value
	With through-hole
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection 1	G1/4
Pneumatic connection 2	G1/4
Pneumatic connection 3	G1/4
Pneumatic connection 4	G1/4
Pneumatic connection 5	G1/4
Note on materials	RoHS compliant
Seals material	HNBR NBR
Housing material	Aluminum Anodized