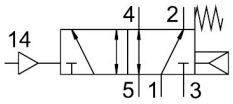
Pneumatic valve
VUWG-L18-M52-R-G14

Part number: 574269





Data sheet

Feature	Value
Valve function	5/2-way, single solenoid
Type of actuation	Pneumatic
Valve size	18 mm
Standard nominal flow rate (standardised to DIN 1343)	1300 l/min
pneumatic working port	G1/4
Operating pressure	2.5 bar...10 bar
Design	Piston gate valve
Type of reset	Mechanical spring Pneumatic spring
Grid dimension	19 mm
Exhaust-air function	Can be throttled
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of piloting	Direct
Flow direction	Reversible with restrictions
lap	Indeterminate overlap
Pilot pressure	2.5 bar...10 bar
Suitability for vacuum	No
Switching time off	40 ms
Switching time on	16 ms
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)
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
Media temperature	-5 °C...50 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C...60 °C
Product weight	152 g
Type of mounting	Either:

Feature	Value
	On PR rail With through-hole
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Note on materials	RoHS compliant
Material seals	HNBR NBR
Material housing	Aluminium anodised