

# pneumatic valve VUWG-L18-P53E-G14

Part number: 574273

FESTO



## Data sheet

Feature	Value
Valve function	5/3 exhausted
Type of actuation	pneumatic
Valve size	18 mm
Standard nominal flow rate	1,000 l/min
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Grid dimension	19 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	None
Type of piloting	direct
Flow direction	reversible
Overlap	Indefinite overlap
Pilot pressure	3 ... 10 bar
Suitability for vacuum	Yes
Switching time off	69 ms
Switching time on	17 ms
Switching time reversal	34 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-5 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 60 °C
Product weight	152 g
Mounting type	On PR manifold with through hole Optional
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
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Aluminium Anodised