

# pneumatic valve VUWG-L18-B52-G14

Part number: 574271

FESTO



## Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	pneumatic
Valve size	18 mm
Standard nominal flow rate	1,380 l/min
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide
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	Positive overlap
Pilot pressure	1.5 ... 10 bar
Suitability for vacuum	Yes
Switching time reversal	12 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	160 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