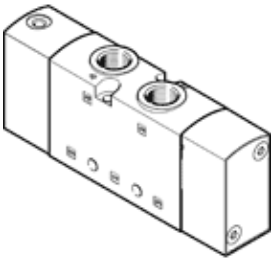
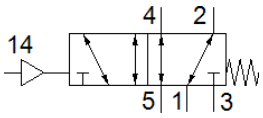
pneumatic valve
VUWS-L30-M52-M-N38

Part number: 575648

FESTO





Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	pneumatic
Valve size	31 mm
Standard nominal flow rate	2,300 l/min
Operating pressure MPa	-0.09 ... 1 MPa
Operating pressure	-0.9 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorisation	c UL us - Recognized (OL)
Nominal size	9.4 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	None
Type of piloting	direct
Pilot air supply	Internal
Flow direction	reversible
Overlap	Positive overlap
Pilot pressure MPa	0.25 ... 1 MPa
Pilot pressure	2.5 ... 10 bar
Switching time off	77 ms
Switching time on	17 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)
Vibration resistance	Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Product weight	488 g
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	Non-ducted
Pilot air port 14	1/8 NPT
Pneumatic connection, port 1	3/8 NPT
Pneumatic connection, port 2	3/8 NPT
Pneumatic connection, port 3	3/8 NPT
Pneumatic connection, port 4	3/8 NPT
Pneumatic connection, port 5	3/8 NPT
Materials note	Conforms to RoHS

Feature	Value
Material seals	HNBR NBR
Material housing	Aluminium die cast Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Steel, nickel-plated