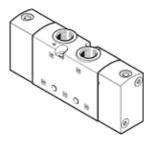
Pneumatic valve VUWS-L25-P53U-M-G14 Part number: 575536





Data sheet

Feature	Value
Valve function	5/3 pressurized
Type of actuation	pneumatic
Valve size	26.5 mm
Standard nominal flow rate	1,000 l/min
Operating pressure MPa	-0.09 1 MPa
Working pressure	-0.9 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorization	c UL us - Recognized (OL)
Nominal size	6.3 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
Lap	Positive overlap
Pilot pressure MPa	0.25 1 MPa
Pilot pressure	2.5 10 bar
Switching time off	65 ms
Switching time on	13 ms
Switching time reversal	30 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	364 g
Mounting type	on manifold rail
	with through hole
	Optional
Scavenging orifice connection	Non-ducted
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



Feature	Value
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminum die cast
	Painted
Material Piston slide	Wrought Aluminum alloy
Material screws	Galvanized steel