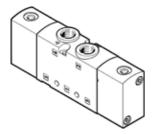
pneumatic valve VUWS-L20-P53C-M-G18 Part number: 575687



Data sheet

Feature	Value
Valve function	5/3 closed
Type of actuation	pneumatic
Valve size	21 mm
Standard nominal flow rate	700 l/min
Operating pressure	-0.9 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorisation	c UL us - Recognized (OL)
Nominal size	5 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	2.5 10 bar
Switching time off	44 ms
Switching time on	10 ms
Switching time reversal	26 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
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	207 g
Mounting type	Optional
	on manifold rail
	with through hole
Scavenging orifice connection	Non-ducted
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 2 Pneumatic connection, port 3	G1/8 G1/8
Pneumatic connection, port 4	G1/8 G1/8
Pneumatic connection, port 4	G1/8 G1/8
· · · · · · · · · · · · · · · · · · ·	Conforms to RoHS
Materials note	
Material seals	HNBR
	NBR
Material housing	Aluminium die cast
	Painted
Material Piston slide	High alloy steel, non-corrosive
Material screws	Galvanised steel

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