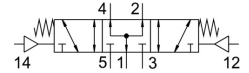


Pneumatic valve VUWS-L20-P53U-M-N18

Part number: 575711

FESTO



Data sheet

Feature	Value
Valve function	5/3, pressurized
Actuation type	Pneumatic
Valve size	21 mm
Standard nominal flow rate	600 l/min
Pneumatic working port	1/8 NPT
Operating pressure	-0.9 bar ... 10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Certification	c UL us - Recognized (OL)
Nominal width	4.8 mm
Type code	VUWS
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	None
Type of control	Direct
Pilot air supply port	Internal
Flow direction	Reversible
Symbol	00991022
Lap	Overlap
Pilot pressure	2.5 bar ... 10 bar
Switching time off	43 ms
On switching time	10 ms
Changeover time	21 ms
Explosion prevention and protection	Observe the information on the certificate Zone 1 (ATEX) Zone 2 (ATEX) Zone 21 (ATEX) Zone 22 (ATEX)
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	-10 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]

Feature	Value
Ambient temperature	-10 °C ... 60 °C
Product weight	207 g
Type of mounting	Optionally: On terminal strip With through-hole
Venting hole connection	Not ducted
Pneumatic connection 1	1/8 NPT
Pneumatic connection 2	1/8 NPT
Pneumatic connection 3	1/8 NPT
Pneumatic connection 4	1/8 NPT
Pneumatic connection 5	1/8 NPT
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum Painted
Piston slide material	High-alloy stainless steel
Material of screws	Steel, galvanized