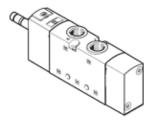
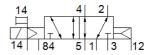
solenoid valve VUVS-L20-M52-AZD-G18-F7 Part number: 575675







Data sheet

Valve function	Feature	Value
Valve size 21 mm	Valve function	5/2 monostable
Standard nominal flow rate Operating pressure Operating opera	Type of actuation	electrical
Operating pressure 0.9 10 bar Design structure Piston slide Type of reset Air spring Authorisation c UL us - Recognized (OL) Nominal size 5.7 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Ploted Pilot air supply external Flow direction reversible Overlap Positive overlap Plot pressure 2.5 10 bar b value 0.35 C value 2.9 l/sbar Switching time off 29 ms Switching time off 29 ms Switching time on 20 ms Max. positive test pulse with logic 0 1,900 µs Max. negative test pulse with logic 1 2,700 µs Operating medium Compressed air in accordance with 1508573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with FN Vibration resistance Transport application test at severity level	Valve size	21 mm
Design structure Type of reset Air spring Authorisation Cut us - Recognized (OL) Nominal size 5.7 mm Exhaust-air function Sealing principle Soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Plow direction Persure 10. June 10. Jun	Standard nominal flow rate	700 l/min
Design structure Type of reset Ali spring Authorisation CUL us - Recognized (OL) Nominal size 5.7 mm Exhaust-aif function Sealing principle Soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Flow direction Overlap Pilot pressure 2.5 10 bar D value 2.9 l/sbar Switching time off Switching time off Switching time off Max. positive test pulse with logic 1 1,900 us Max. negative test pulse with logic 1 2,700 us Max. negative test p	Operating pressure	-0.9 10 bar
Authorisation Nominal size S.7 mm Exhaust-air function throttleable Sealing principle Soft Assembly position Manual override detenting Pushing Type of piloting Pilot air supply Flot air supply Plot are supply Plot air supply Plot are supply Plot air supply Plot are sup	Design structure	Piston slide
Nominal size 5.7 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Flow direction reversible Overlap Positive overlap Pilot pressure 2.5	Type of reset	Air spring
Exhaust-air function throttleable Sealing principle soft Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Flow direction reversible Overlap Positive overlap Pilot pressure 2.5 10 bar b value 0.35 Cvalue 2.9 (5 ba) Switching time off 29 ms Switching time on 20 ms Max. positive step fulse with logic 0 1,900 μs Max. negative test pulse with logic 1 2,700 μs Operating and pilot medium coperation) Vibration resistance Transport application test at 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 and FN 9400 product weight Model Pneumatic spring connection 12 Pilot acknowled the MS 9400 product weight Model Scavenging orifice connection Non-ducted Pneumatic spring connection 12 Pilot acknowled Am 50 Pneumatic spring connection 12 Pilot acknowled Am 50 Pneumatic spring connection, port 1 MS 9400 product weight MS 9400 product weight Non-ducted Pneumatic spring connection 12 Pilot are port 14 Pneumatic connection, port 1 MS 9400 preumatic connection, port 1	Authorisation	c UL us - Recognized (OL)
Sealing principle soft Assembly position Any Manual override detenting Pushing Piloted Pilot air supply external Flow direction reversible Overlap Positive overlap Pilot pressure 2.5 10 bar b value 0.35 C value 2.9 l/sbar Switching time off 29 ms Switching time on 20 ms Max. positive test pulse with logic 0 1,900 µs Max. negative test pulse with logic 1 2,700 µs 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 942017-5 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 Priot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Product weight 18 g Mounting type on manifold rail wi	Nominal size	5.7 mm
Assembly position Manual override Manual override Pushing Piloted Positive overlap Positive overlap Pilot pressure 2.510 bar baulue 0.35 C value 2.9 l/sbar Switching time off 29 ms Switching time of Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Q poreating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Shock resistance classification CRC And the memperature 10 60 °C Product weight Mounting type Mounting type On manifold rait with through hole Optional Scavenging orifice connection Pilot and in port 14 M5 Pilot and port 14 M5 Pilot and port 14 M5 Pneumatic connection, port 1 Galfa External Positive certain Positive external Piloted Positive overlap Piloted Piloted Piloted Positive overlap Piloted Piloted Pilot and power and piloted Pilot piloted Pilot piloted Pilot piloted Pilot piloted Pilot piloted Pilot	Exhaust-air function	throttleable
Assembly position Manual override Manual override Pushing Piloted Positive overlap Positive overlap Pilot pressure 2.510 bar baulue 0.35 C value 2.9 l/sbar Switching time off 29 ms Switching time of Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Q poreating and pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Shock resistance classification CRC And the memperature 10 60 °C Product weight Mounting type Mounting type On manifold rait with through hole Optional Scavenging orifice connection Pilot and in port 14 M5 Pilot and port 14 M5 Pilot and port 14 M5 Pneumatic connection, port 1 Galfa External Positive certain Positive external Piloted Positive overlap Piloted Piloted Piloted Positive overlap Piloted Piloted Pilot and power and piloted Pilot piloted Pilot piloted Pilot piloted Pilot piloted Pilot piloted Pilot	Sealing principle	soft
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Pushing Piloted Pilot air supply external Flow direction reversible Overlap Plot pressure Divalue Diva		detenting
Type of piloting Pilot air supply external Flow direction reversible Positive overlap Positive overlap Positive overlap Pilot pressure 2.5 10 bar bvalue 0.35 Caulue 2.9 l/sbar Positive overlap Pilot pressure 2.5 10 bar Positive overlap Pilot pressure 2.5 10 bar Positive overlap Pilot pressure 2.9 l/sbar Positive overlap Pilot pressure 2.9 l/sbar Positive Po		
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Flow direction reversible Positive overlap Positive Overl		external
Pilot pressure 2.5 10 bar b value 0.35 C value 2.9 l/sbar Switching time off 29 ms Switching time on 20 ms Max. positive test pulse with logic 0 1,900 μs Max. negative test pulse with logic 1 2,700 μs 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 188 g Mounting type on manifold rail with through hole Optional Scavenging orifice connection Non-ducted Pneumatic spring connection 12 M5 Pilot at port 14 M5 Pneumatic connection, port 1 G1/8		reversible
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Pilot air port 14 M5 Pneumatic connection, port 1 G1/8		
Pneumatic connection, port 1 G1/8		
Pholimatic connection port 7	Pneumatic connection, port 1	G1/8



Feature	Value
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminium die cast
	Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Galvanised steel