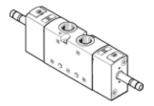
solenoid valve VUVS-L20-P53E-MD-G18-F7 Part number: 575252





Data sheet

Valve function 5/3 exhausted Valve size 21 mm Standard nominal flow rate 600 (Jmin Operating pressure MPa 0.75 1 MPa Operating pressure 2.5 10 bar Design structure Piston silde Type of reset mechanical spring Authorisation U.U. s. Recognized (U) Nominal size 4.5 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Pushing Type of ploting Internal Plot air supply Internal Flow direction non reversible Overlap Positive everlap b value 0.35 Switching time off 44 ms Switching time off 45 ms Switching time off 24 ms Max. peative text pulse with logic 1 2,700 µs Operating medium compressed air in accordance with ISO8573-12010[7:44] Note on operating and pilot medium	Feature	Value
Valve size 21 mm Standard nominal flow rate 600 l/min Operating pressure MPa 0.25 1 MPa Operating pressure 2.5 10 bar Design structure Piston slide Type of reset mechanical spring Authorisation c. Ll. us - Recognized (O1) Nominal size 4.5 mm Exhaust-sair function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Plotted Plot air supply Internal Flow direction non reversible Overlap Positive overlap Value 0.35 Cvalue 2.5 I/sbar Switching time off 4 ms Switching time off 4 ms Switching time eversal 2 ms Max. positive test pulse with logic 0 1,900 µs Max. positive 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 pilo	Valve function	5/3 exhausted
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Operating pressure 2.5 10 bar Design structure Piston silde Type of reset mechanical spring Authorisation c UL us - Recognized (OU) Nominal size 4.5 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap Ovalue 0.35 Cvalue 2.5 I/sbar Switching time off 44 ms Switching time reversal 24 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] Not on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance	Standard nominal flow rate	600 l/min
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Feature	Value
Pneumatic connection, port 2	G1/8
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	High alloy steel, non-corrosive
Material screws	Galvanised steel