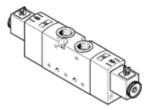
solenoid valve VUVS-L25-P53C-MZD-G14-F8-1C1 Part number: 575526





Data sheet

Valve function 5/3 closed Type of actuation electrical Valve size 26.5 mm Standard nominal flow rate 1,200 l/min Operating pressure MPa -0.09 1 MPa Operating pressure -0.9 10 bar Design structure Piston slide Type of reset mechanical spring Authorisation c UL us - Recognized (0L) Protection class lP65 with plug socket to IEC 60529 Nominal size 6.5 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Plotted Type of piloting Piloted Pilot air supply external Flow direction reversible Overlap Positive overlap Pilot pressure 2.5 10 bar b value 0.4 C value 5.2 l/sbar Switching time on 13 ms Switching time reversal 26 ms Duty cycle 100 %
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Switching time on13 msSwitching time reversal26 msDuty cycle100 %
Switching time reversal 26 ms Duty cycle 100 %
Duty cycle 100 %
Max. positive test pulse with logic 0 2,000 μs
Max. negative test pulse with logic 1 3,600 μs
Characteristic coil data 24 V DC: 3.3 W
Permissible voltage fluctuation +/- 10 %
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 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 430 g



Feature	Value
Electrical connection	Plug pattern type C to EN 175301-803
	to EN 175301-803
Mounting type	on manifold rail
	with through hole
	Optional
Scavenging orifice connection	Non-ducted Non-ducted
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
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
Pneumatic connection, port 5	G1/4
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