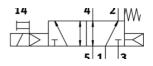
Solenoid valve VUVG-L10-M52-RT-M7-1H2L-W1 Part number: 577333

Data sheet

Feature	Value	
Valve function	5/2 monostable	
Type of actuation	electrical	
Valve size	10 mm	
Standard nominal flow rate	330 l/min	
Operating pressure MPa	0.25 0.8 MPa	
Working pressure	2.5 8 bar	
Design structure	Piston slide	
Type of reset	mechanical spring	
	Air spring	
Authorization	RCM Mark	
	c UL us - Recognized (OL)	
Protection class	IP40	
	with plug socket	
Nominal size	4 mm	
Exhaust-air function	throttleable	
Sealing principle	soft	
Assembly position	Any	
Manual override	detenting	
	Pushing	
	Covered	
Type of piloting	Piloted	
Pilot air supply	Internal	
Lap	Positive overlap	
Pilot pressure MPa	0.25 0.8 MPa	
Pilot pressure	2.5 8 bar	
Suitability for vacuum	No	
Switching time off	17 ms	
Switching time on	7 ms	
Duty cycle	100 %	
Max. positive test pulse with logic 0	700 µs	
Max. negative test pulse with logic 1	900 µs	
Characteristic coil data	24 V DC: 1 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	
Restriction ambient and medium temperature	Without holding current reduction -5 - 50 °C	
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	
PWIS conformity	VDMA24364-B1/B2-L	
Medium temperature	-5 60 °C	
Ambient temperature	-5 60 °C	





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Feature	Value	
Product weight	45 g	
Electrical connection	Via electrical connection plate	
Mounting type	on manifold rail	
	with through hole	
	Optional	
Pneumatic connection, port 1	M7	
Pneumatic connection, port 2	M7	
Pneumatic connection, port 3	M7	
Pneumatic connection, port 4	M7	
Pneumatic connection, port 5	M7	
Materials note	Conforms to RoHS	
Material seals	HNBR	
	NBR	
Material housing	Wrought Aluminum alloy	