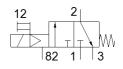
solenoid valve VUVS-LT20-M32C-MD-G18-F7-1C1 Part number: 577511

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Data sheet

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
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	Poppet seat
Type of reset	mechanical spring
Authorisation	c UL us - Recognized (OL)
Protection class	IP65
	with plug socket
	to IEC 60529
Nominal size	5.2 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
	Pushing
Type of piloting	Piloted
Pilot air supply	Internal
Flow direction	non reversible
Overlap	Underlap
b value	0.39
C value	2.3 l/sbar
Switching time off	23 ms
Switching time on	9 ms
Duty cycle	100 %
Max. positive test pulse with logic 0	1,900 μs
Max. negative test pulse with logic 1	2,700 μs
Characteristic coil data	24 V DC: 2.6 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 EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/B2-L
Medium temperature	-10 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 60 °C
Product weight	146 g
Electrical connection	Plug pattern type C to EN 175301-803 to EN 175301-803

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Feature	Value	
Mounting type	on manifold rail	
	with through hole	
	Optional	
Scavenging orifice connection	Non-ducted	
Pilot exhaust port 82	M5	
Pneumatic connection, port 1	G1/8	
Pneumatic connection, port 2	G1/8	
Pneumatic connection, port 3	G1/8	
Materials note	Conforms to RoHS	
Material seals	HNBR	
	NBR	
	TPE-U(PU)	
Material housing	Aluminium die cast	
	Painted	
Material screws	Galvanised steel	