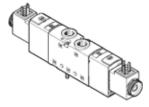
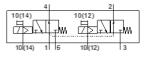
Solenoid valve VUVS-LT20-T32U-MZD-G18-F7-1C1 Part number: 577522

FESTO





Data sheet

Feature	Value
Valve function	2x3/2 open, monostable
Type of actuation	electrical
Valve size	21 mm
Standard nominal flow rate	600 l/min
Operating pressure MPa	-0.09 1 MPa
Working pressure	-0.9 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Authorization	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	external
Flow direction	non reversible
Lap	Underlap
Pilot pressure MPa	0.25 1 MPa
Pilot pressure	2.5 10 bar
b value	0.29
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	245 g

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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	
Pilot exhaust port 82	M5	
Pilot exhaust port 84	M5	
Pilot air port 12	M5	
Pilot air port 14	M5	
Pneumatic connection, port 1	G1/8	
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	Aluminum die cast	
	Painted	
Material screws	Galvanized steel	