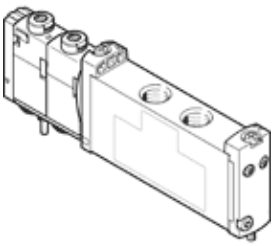
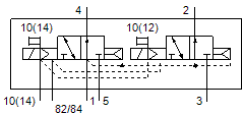
solenoid valve
VUVG-S14-T32U-AZT-G18-1T1L

Part number: 573465

FESTO





Data sheet

Feature	Value
Valve function	2x3/2 open, monostable
Type of actuation	electrical
Valve size	14 mm
Standard nominal flow rate	610 l/min
Operating pressure	1.5 ... 10 bar
Design structure	Piston slide
Type of reset	Air spring
Authorisation	c CSA us (OL) c UL us - Recognized (OL)
Protection class	IP65 IP67
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting Pushing
Type of piloting	Piloted
Pilot air supply	external
Overlap	Positive overlap
Signal status display	LED
Pilot pressure	1.5 ... 8 bar
Max. switching frequency	3 Hz
Switching time off	29 ms
Switching time on	10 ms
Duty cycle	100 %
Max. positive test pulse with logic 0	1,600 µs
Max. negative test pulse with logic 1	3,000 µs
Characteristic coil data	22 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
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
Medium temperature	-5 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 60 °C
Product weight	102 g
Electrical connection	via manifold block
Mounting type	on manifold rail
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 4	G1/8
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Wrought Aluminium alloy