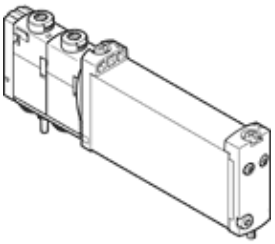
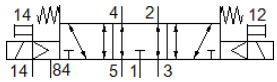
Solenoid valve
VUVG-B14-P53E-ZT-F-1T1L

Part number: 573486

FESTO





Data sheet

Feature	Value
Valve function	5/3 exhausted
Type of actuation	electrical
Valve size	14 mm
Standard nominal flow rate	470 l/min
Working pressure	-0.9 ... 10 bar
Design structure	Piston slide
Protection class	IP65 IP67
Authorization	c CSA us (OL) c UL us - Recognized (OL)
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting Pushing
Type of piloting	Piloted
Pilot air supply	external
Flow direction	reversible
Signal status display	LED
Pilot pressure	3 ... 8 bar
Max. switching frequency	3 Hz
Switching time off	42 ms
Switching time on	15 ms
Switching time reversal	25 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	95 g
Electrical connection	via manifold block
Mounting type	on manifold rail
Materials note	Conforms to RoHS
Material seals	HNBR NBR
Material housing	Wrought Aluminum alloy