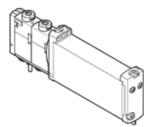
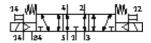
solenoid valve VUVG-B14-P53E-ZT-F-1T1L-EX2C Part number: 8041968







Data sheet

Feature	Value
Valve function	5/3 exhausted
Type of actuation	electrical
Valve size	14 mm
Standard nominal flow rate	470 l/min
Operating pressure	-0.9 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
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
Flow direction	reversible
Overlap	Positive overlap
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
Vibration resistance	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 Aluminium alloy