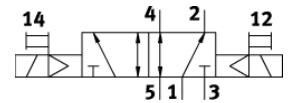
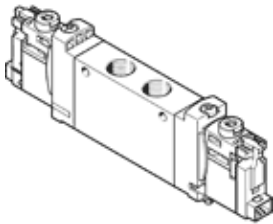


solenoid valve

VUVG-LK14-B52-T-G18-1H2L-F1A

Part number: 8173207
New

FESTO



Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	electrical
Valve size	14 mm
Standard nominal flow rate	660 l/min
Operating pressure MPa	0.15 ... 0.7 MPa
Operating pressure	1.5 ... 7 bar
Design structure	Piston slide with sealing ring
Authorisation	c UL us - Recognized (OL)
Certificate issuing department	UL MH19482
Protection class	IP40
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	Positive overlap
Signal status display	LED
Max. switching frequency	2 Hz
Switching time reversal	8 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	24 V DC: 0.8 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 with severity level 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 in accordance with FN 942017-5 and EN 60068-2-27
Corrosion resistance classification CRC	0 - No corrosion stress
PWIS conformity	VDMA24364 zone III
RSBP classification to CD-0033	F1a
Cleanroom class	ISO class 6
Medium temperature	-5 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 ... 50 °C
Product weight	85 g
Electrical connection	2-pin Connection pattern H, horizontal connection Plug
Mounting type	on manifold rail

Feature	Value
	with through hole Optional
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