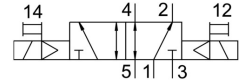
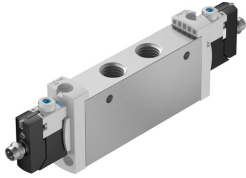


Air solenoid valve VUVG-L18-B52-T-G14-1R8L

FESTO

Part number: 8031533



Data sheet

Feature	Value
Valve function	5/2, bistable
Lap	Overlap
Actuation type	Electrical
Valve size	18 mm
Standard nominal flow rate	1380 l/min
Pneumatic working port	G1/4
Operating voltage	24V DC
Operating pressure	1.5 bar ... 8 bar
Design	Piston gate valve
Degree of protection	IP65 With plug socket
Certification	RCM compliance mark c CSA us (OL) c UL us - Recognized (OL)
Nominal width	7.3 mm
Type code	VUVG
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Covered Non-detenting Detenting
Type of control	Pilot-controlled
Pilot air supply port	Internal
Symbol	00992897
Pilot pressure	1.5 bar ... 8 bar
Changeover time	12 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	700 µs
Max. negative test pulse on 1 signal	900 µs
Coil characteristics	24 V DC: 1.0 W
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27

Feature	Value
Restricted ambient and media temperature	-5 - 50 °C Without holding power reduction
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	-5 °C ... 60 °C
Ambient temperature	-5 °C ... 60 °C
Product weight	164 g
Electrical connection	Via electrical sub-base
Type of mounting	With through-hole On terminal strip Optionally:
Pneumatic connection 1	G1/4
Pneumatic connection 2	G¼
Pneumatic connection 3	G1/4
Pneumatic connection 4	G1/4
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	NBR HNBR
Housing material	Wrought aluminum alloy