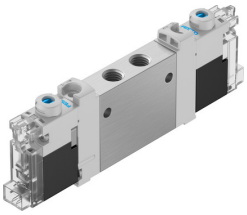
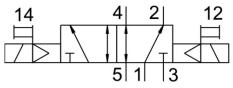
Air solenoid valve
VUVG-LK10-B52-T-M7-1H2L-S

Part number: 8042548





Data sheet

Feature	Value
Valve function	5/2, bistable
Lap	Overlap
Actuation type	Electrical
Valve size	10 mm
Standard nominal flow rate	340 l/min
Pneumatic working port	M7
Operating voltage	24V DC
Operating pressure	1.5 bar ... 7 bar
Design	Piston gate valve
Degree of protection	IP40
Type code	VUVG
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Non-detenting Detenting
Type of control	Pilot-controlled
Pilot air supply port	Internal
Flow direction	Non-reversible
Symbol	00992897
Signal status display	LED
Max. switching frequency	2 Hz
Changeover time	7 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	1600 µs
Max. negative test pulse on 1 signal	3000 µs
Coil characteristics	24 V DC: 0.8 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 1 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	-5 °C ... 50 °C

Feature	Value
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 50 °C
Product weight	57 g
Electrical connection	Connection diagram H, horizontal connection 2-pin Plug
Type of mounting	On terminal strip With through-hole
Pneumatic connection 2	M7
Pneumatic connection 4	M7
Note on materials	Contains paint-wetting impairment substances RoHS-compliant
Seals material	HNBR NBR
Housing material	Wrought aluminum alloy