solenoid valve VUVG-LK14-B52-T-G18-1R8L-S Part number: 8042568 ★ Core product range





Data sheet

Valve function 5/2 bistable	Feature	Value
Valve size 14 mm Standard nominal flow rate 660 /min Operating pressure MPa 0.15 0.7 MPa Operating pressure Pa 1.5 7 bar Design structure Piston slide with sealing ring Authorisation c UL us - Recognized (OL) Certificate issuing department UL MH19482 Protection class IP65 Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Pushing Fliot 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 Operating medium Compersible (Subsequently required for further operation) Vibration resistance Shock resistance Floot Corrosion resistance Shock resistance Shock resistance Shock resistance Shock resistance of Compressed air in accordance with ISO8573-1:2010 [7:4:4] PMS Compressed air in accordance with ISO8573-1:2010 [7:4:4] PMG Compressed air in accordance with ISO8573-1:2010 [7:4:4]	Valve function	5/2 bistable
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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 IP65 Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap Signal status display LED Max. switching frequency 2 Hz 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 4/ 10 % Operating medium Compressed air in accordance with ISO8573	Valve size	14 mm
Design structure	Standard nominal flow rate	660 l/min
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Product weight 85 g	•	
Electrical connection 3-pin		
M8x1, A-coded to EN 61076-2-104	2.05535555	
Plug		
Mounting type on manifold rail	Mounting type	
with through hole	mounting type	
Pneumatic connection, port 2 G1/8	Programatic connection, port 2	



Feature	Value
Pneumatic connection, port 4	G1/8
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminium alloy