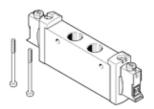
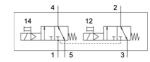
Solenoid valve VUVG-L18-T32C-MT-G14-1P3 Part number: 574425







Data sheet

Valve function 2x3/2 closed, monostable Type of actuation electrical Valve size 18 mm Standard nominal flow rate 870 l/min Operating pressure MPa 0.3 0.8 MPa Working pressure 3 8 bar Design structure Piston slide Type of reset mechanical spring Authorization RCM Mark c UL us - Recognized (OL) Protection class IP40 IP65 with plug socket Nominal size 5.7 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Piloted Pilot air supply Internal Lap Positive overlap Pilot pressure MPa 0.2 0.8 MPa	
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Pilot pressure MPa 0.2 0.8 MPa	
Pilot pressure 2 8 bar	
Switching time off 22 ms	
Switching time on 22 ins Switching time on 15 ms	
Duty cycle 100 %	
Max. positive test pulse with logic 0 700 µs	
Max. negative test pulse with logic 1 900 μs	
Characteristic coil data 24 V DC: 1 W	
24 V DC: 1 W 24 V DC: low-current phase 0.3 W, high-current phase 1.0 W	
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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	
Lubricated operation possible (subsequently required for further operation)	
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Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6	
Restriction ambient and medium temperature Without holding current reduction	
-5 - 50 °C	
Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 an 60068-2-27	d EN
Corrosion resistance classification CRC 2 - Moderate corrosion stress	
PWIS conformity VDMA24364-B1/B2-L	
Medium temperature -5 60 °C	
Ambient temperature -5 60 °C	



Feature	Value
Product weight	164 g
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail
	with through hole
	Optional
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminum alloy