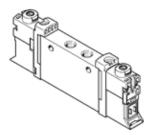
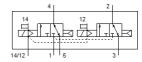
solenoid valve VUVG-L10-T32C-AZT-M5-1P3 Part number: 566463







Data sheet

Valve function	Feature	Value
Type of actuation Vertical	Valve function	2x3/2 closed, monostable
Standard nominal flow rate Operating pressure MPa Operating pressure 1.510 bar Design Structure Piston slide Type of reset Authorisation RCM Mark CLU us - Recognized (OL) Protection class IP40 IP65 With plug socket Nominal size 2.7 mm Exhaust-air function Sealing principle soft Assembly position Annual override Pilotaria supply Evered Type of piloting Pilot arisupply external Pilot arisupply external Pilot pressure MPa Dit operature Suitching time on Duty cycle Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Nome on operating and pilot medium Note on operating and pilot medium Vibration resistance Resistance Shock resistance Shoc	Type of actuation	
Operating pressure MPa 0.15 10 MPa Operating pressure 1.5 10 bar Design structure Piston slide Type of reset Air spring Authorisation RCM Mark c UL us - Recognized (OL) Protection class IP40 Nominal size 2.7 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Covered Pushing Covered Piloted Pilot air supply external Overlap Positive overlap Pilot pressure MPa 0.15 0.8 MPa Pilot pressure 1.5 8 bar Suitability for vacuum No Switching time off 1.5 ms Switching time of 1.5 ms Switching time of 1.5 ms Switching time on 6 ms Duty cycle 1.00 % Max. positive test pulse with logic 1 9.00 µs <t< td=""><td>Valve size</td><td>10 mm</td></t<>	Valve size	10 mm
Departing pressure 1.5 10 bar	Standard nominal flow rate	150 l/min
Operating pressure 1.5 10 bar Design structure Piston slide Type of reset Air spring Authorisation RCM Mark cU. Us Recognized (OL) Protection class IP40 IP65 IP60 IP65 with plug socket Nominal size 2.7 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Type of piloting Ploted Type of piloting Ploted Pilot air supply external Overlap Postitive overlap Pilot pressure 0.15 0.8 MPa Pilot pressure MPa 0.15 0.8 MPa Pilot pressure 1.5 8 bar Suitability for vacuum No Switching time off 15 ms Switching time off 15 ms Switching time on 6 ms Duty cycle 100 % Max. negative test pulse with logic 1 700 μs Max. negative test pulse with logic 1 700 μs <td>Operating pressure MPa</td> <td>0.15 1 MPa</td>	Operating pressure MPa	0.15 1 MPa
Design structure Type of reset Air spring Authorisation RCM Mark c UL us - Recognized (OL) Protection class IP40 IP65 With plug socket Nominal size 2.7 mm Exhaust-air function Sealing principle Soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Pilote air supply external Overlap Pilot air supply external Overlap Pilot pressure Suitability for vacuum Switching time off 15 ms Switching time of Duty cycle In00 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Max. positive test pulse with logic 1 Max. eagative test pulse with logic 1 Compressed air in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Resistance Shock resistance Shock resistance Corrosion resistance Corrosion resistance dassification CRC Vision council stees. Vision stress Vision stress Vision stress Vision and in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Corrosion resistance classification CRC Vision council stress Vision stre		1.5 10 bar
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Protection class P40 P65 With plug socket		
P65 with plug socket		c UL us - Recognized (OL)
with plug socket 2.7 mm Exhaust-air function Sealing principle	Protection class	<u> </u>
Nominal size 2.7 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Piloted Pilot air supply external Overlap Positive overlap Pilot pressure MPa 0.15 0.8 MPa Pilot pressure 1.5 8 bar Suitability for vacuum No Switching time off 15 ms Switching time off 15 ms Switching time on 6 ms Duty cycle 100 % Max. positive test pulse with logic 0 700 μs Max. positive test pulse with logic 1 900 μs Max. positive test pulse with logic 1 900 μs Characteristic coil data 24 V DC: 1 W Query of the company of the pilot test pulse with logic 1 900 μs Max. positive test pulse with logic 1 900 μs Duty cycle 10 % Max. positive test pulse with logic 0 700 μs Max. po		IP65
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Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress VDMA24364-B1/B2-L	Restriction ambient and medium temperature	Without holding current reduction
PWIS conformity VDMA24364-B1/B2-L	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
PWIS conformity VDMA24364-B1/B2-L	Corrosion resistance classification CRC	2 - Moderate corrosion stress
medium temperature 1°0 OV C	Medium temperature	-5 60 °C



Feature	Value
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-5 60 °C
Product weight	55 g
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail
	with through hole
	Optional
Auxiliary pilot air port 12/14	M3
Pneumatic connection, port 1	M5
Pneumatic connection, port 2	M5
Pneumatic connection, port 3	M5
Pneumatic connection, port 4	M5
Pneumatic connection, port 5	M5
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminium alloy