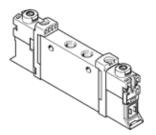
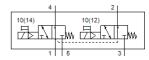
Solenoid valve VUVG-L10-T32U-MT-M7-1P3 Part number: 574357







Data sheet

Valve function 2x3/2 open, monostable Type of actuation electrical Valve size 10 mm Standard nominal flow rate 155 l/min Operating pressure MPa 0.25 0.8 MPa Working pressure 2.5 8 bar Design structure Piston slide Type of reset mechanical spring Authorization RCM Mark c UL us - Recognized (OL) Protection class IP40 lP65 with plug socket Nominal size 1.9 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Piloted Pilot pressure 2 8 bar Suitability for vacuum No Switching time off 11 ms Switching time of 11 ms Switching time on 8 ms Duty cycle 100 % Max. negative test pulse with logic 1 900	Feature	Value
Valve size 10 mm Standard nominal flow rate 0.25 0.8 MPa 0.25 0.8 MPa Working pressure MPa 0.25 0.8 MPa Working pressure 2.5 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 1.9 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 0.2 MPa	Valve function	2x3/2 open, monostable
Standard nominal flow rate Operating pressure MPa O.25 0.8 MPa Working pressure Design structure Piston slide Type of reset Authorization RCM Mark cUL us - Recognized (OL) Protection class IP40 IP65 With plug socket Nominal size 1.9 mm Exhaust-air function Sealing principle Assembly position Any Manual override Design structure Are piloted Pilot air supply Internal Lap Positive overlap Pilot pressure Design structure Piston slide Internal Lap Positive overlap Pilot pressure Design structure	Type of actuation	electrical
Operating pressure MPa O.25 0.8 MPa	Valve size	10 mm
Working pressure Design structure Piston slide Type of reset Authorization RCM Mark c UL us - Recognized (OL) Protection class IP40 IP65 with plug socket Nominal size 1.9 mm Exhaust-air function Sealing principle Soft Assembly position Any Manual override detenting Pushing Covered Type of piloting Pilot air supply Internal Lap Positive overlap Pilot pressure MPa O.2 0.8 MPa Pilot pressure Suitability for vacuum Switching time of Switching time of Duty cycle Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 Sealing principle Oorperation Pool by Max. negative test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating medium Lubricated operation possible (subsequently required for further	Standard nominal flow rate	155 l/min
Design structure	Operating pressure MPa	0.25 0.8 MPa
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Nominal size 1.9 mm		with plug socket
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Note on operating and pilot medium Lubricated operation possible (subsequently required for further		
operation)		,
Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6	Vibration resistance	· · · · · · · · · · · · · · · · · · ·
Restriction ambient and medium temperature Without holding current reduction -5 - 50 °C	Restriction ambient and medium temperature	Without holding current reduction
	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN
Corrosion resistance classification CRC 2 - Moderate corrosion stress	Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity VDMA24364-B1/B2-L		
Medium temperature -5 60 °C		· · · · · · · · · · · · · · · · · · ·



Feature	Value
Ambient temperature	-5 60 °C
Product weight	54 g
Electrical connection	Via electrical connection plate
Mounting type	on manifold rail
	with through hole
	Optional
Pneumatic connection, port 1	M7
Pneumatic connection, port 2	M7
Pneumatic connection, port 4	M7
Pneumatic connection, port 5	M7
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminum alloy