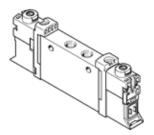
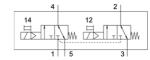
Solenoid valve VUVG-L10-T32C-MT-M5-1P3 Part number: 574348







Data sheet

Valve size 10 mm Standard nominal flow rate 135 l/min Operating pressure MPa 0.250 8 MPa Working pressure 2.5 8 bar Obesign structure Piston slide Type of reset Authorization RCM Mark CUL us. Recognized (OL) Protection class IPA0 IPA0 IPA0 IPA0 IPA0 IPA0 IPA0 IPA0	Feature	Value
Type of actuation Protection class Sealing principle Sealing pri	Valve function	2x3/2 closed, monostable
Standard nominal flow rate Operating pressure MPa O.5	Type of actuation	
Operating pressure MPa	Valve size	10 mm
Working pressure	Standard nominal flow rate	135 l/min
Working pressure 2.5 8 bar Piston slide Type of reset mechanical spring Authorization RCM Mark CUL 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 Internal Lap Pilot pressure MPa 0.2 0.8 MPa Pilot pressure 2 8 bar Suitching time off 11 ms Switching time off 11 ms Switching time off 100 % Max. negative 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 wc-current phase 0.3 W, high-current phase 1.0 W Permissible voltage fluctuation 4-7 10 % 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 operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC 2- Moderate corrosion stress PMIS Conformity VDMA2366-B1/E2-L	Operating pressure MPa	0.25 0.8 MPa
Design structure Type of reset mechanical spring Authorization RCM Mark c UL us - Recognized (OL) Protection class classification croc Protection class protection class protection class protection class		2.5 8 bar
Type of reset Authorization RCM Mark cUt us - Recognized (Ot) Protection class IP40 IP65 with plug socket Nominal size Lhaust-air function Sealing principle Sealing principle Sealing principle Assembly position Manual override detenting Pushing Covered Type of piloting Pilot air supply Internal Inte		Piston slide
Authorization RCM Mark c UL us - Recognized (OL) Protection class IP40 Protection class		mechanical spring
Protection class P40 P65 With plug socket	Authorization	RCM Mark
IP65 with plug socket		c UL us - Recognized (OL)
with plug socket 1.9 mm Exhaust-air function Sealing principle	Protection class	9
Nominal size		IP65
Nominal size		with plug socket
Sealing principle Assembly position Any Manual override Algertating Pushing Covered Type of piloting Pilote and Pilote and Pilot air supply Internal Lap Positive overlap Pilot pressure MPa Pilot pressure 2 8 bar Suitability for vacuum No Switching time on Switching time on Switching time on Sulty cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Permissible voltage fluctuation Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010[7:4:4] Note on operating and pilot medium Ubration resistance Restriction ambient and medium temperature Shock resistance Shock resistance Corrosion resistance CRC PWIS Conformity VDMA24364-B1/B2-L VDMA24364-B1/B2-L	Nominal size	
Assembly position Manual override Manual override Manual override Manual override Arry detenting Pushing Covered Covered Type of piloting Pilot air supply Internal Lap Positive overlap Plot pressure MPa O.2 0.8 MPa Pilot pressure MPa O.2 0.8 MPa Pilot pressure MPa In ms Switching time off In ms Switching time off In ms Switching time on Bars Switching time of Bars Switching time of Bars Switching time on Bars Switching time of Bars Switching time of Bars Switching time Bars Bars Bars Bars Bars Bars Bars Bars	Exhaust-air function	throttleable
Assembly position Manual override Manual override Manual override Manual override Arry detenting Pushing Covered Covered Type of piloting Pilot air supply Internal Lap Positive overlap Plot pressure MPa O.2 0.8 MPa Pilot pressure MPa O.2 0.8 MPa Pilot pressure MPa In ms Switching time off In ms Switching time off In ms Switching time on Bars Switching time of Bars Switching time of Bars Switching time on Bars Switching time of Bars Switching time of Bars Switching time Bars Bars Bars Bars Bars Bars Bars Bars	Sealing principle	soft
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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	-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	M5
Pneumatic connection, port 2	M5
Pneumatic connection, port 4	M5
Pneumatic connection, port 5	M5
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Wrought Aluminum alloy