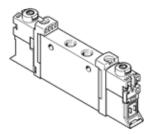
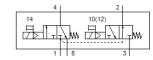
Solenoid valve VUVG-L10-T32H-MT-M7-1P3 Part number: 574358







Data sheet

Type of actuation electrical Yalve size 10 mm Standard nominal flow rate 155 //min Operating pressure MPa 0.75 0.8 MPa Oz5 0.8 MPa Oz5 0.8 MPa Design structure Plston slide Type of reset mechanical spring Authorization RM Mark	Feature	Value
Valve size	Valve function	2x3/2 open/closed, monostable
Standard nominal flow rate Operating pressure MPa O.25 0.8 MPa Design structure Piston slide Protection class Or CLU us - Recognized (OL) Protection class IP40 IP65 With plug socket Nominal size I.9 mm Exhaust-air function Sealing principle Soft Assembly position Any Manual override Occovered Type of piloting Pilot air supply Internal Iap Positive overlap Pilot pressure MPa O.2 0.8 MPa Suitching time off Switching time off II ms Switching time off Max, positive test pulse with logic 0 Max, positive test pulse with logic 1 Operating medium Operating medium Note on operating and pilot medium Uniform contests and Exhausted Internal Uniform compressed air in accordance with FN 942017-5 and EN Resistance Shock resistance Shock resistance Shock resistance Shock resistance Occorrosion resistance Shock resistan	Type of actuation	·
Operating pressure MPa	Valve size	10 mm
Working pressure	Standard nominal flow rate	155 l/min
Working pressure	Operating pressure MPa	•
Design structure Type of reset mechanical spring Authorization RCM Mark c UL us - Recognized (OL) Protection class Protection		2.5 8 bar
Type of reset Authorization RCM Mark cUt us - Recognized (Ot.) Protection class IP40 IP65 with plug socket Nominal size 1.9 mm Exhaust-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 IP65 With plug socket Nominal size 1.9 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Covered Pushing Covered Pliot air supply Internal Lap Positive overlap Pilot air supply Internal Lap Positive overlap Pilot pressure MPa O.2 0.8 MPa Pilot pressure MPa Suitability for vacuum No Switching time off 11 ms Switching time off 11 ms Switching time off 11 ms Duty cycle 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: low-current phase 0.3 W, high-current phase 1.0 W Permissible voltage fluctuation +/- 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Operating medium coperation operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC 2 - Moderate corrosion stress VMMA24364-81/82-L		mechanical spring
Protection class P40 P65 With plug socket	Authorization	RCM Mark
P65 with plug socket		c UL us - Recognized (OL)
with plug socket 1.9 mm Exhaust-air function Sealing principle	Protection class	IP40
Nominal size		IP65
Nominal size		with plug socket
Sealing principle Assembly position Anny Manual override Mething Pushing Covered Type of piloting Pilot air supply Internal Lap Positive overlap Pilot pressure MPa Pilot pressure 2 8 bar Suitability for vacuum Switching time on Switching time on Switching time on Suty cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data 24 V DC: 1 W 34 V DC: 10w-current phase 0.3 W, high-current phase 1.0 W Permissible voltage fluctuation Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock resistance Shock resistance Corrorsion tress VMA24364-B1/B2-L VMA24364-B1/B2-L	Nominal size	
Assembly position 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 MPa O.2 0.8 MPa Pilot pressure MPa In ms Switching time of In ms Switching time on Bar, positive test pulse with logic 0 Max. positive test pulse with logic 1 Oharacteristic coil data 24 V DC: 1 W 24 V DC: 1 W 24 V DC: 1 W Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Urbiration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock resistance Shock sessification CRC OVDA2364-B1/B2-L ViDNA24364-B1/B2-L	Exhaust-air function	throttleable
Assembly position 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 MPa O.2 0.8 MPa Pilot pressure MPa In ms Switching time of In ms Switching time on Bar, positive test pulse with logic 0 Max. positive test pulse with logic 1 Oharacteristic coil data 24 V DC: 1 W 24 V DC: 1 W 24 V DC: 1 W Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Urbiration resistance Transport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6 Shock resistance Shock resistance Shock sessification CRC OVDA2364-B1/B2-L ViDNA24364-B1/B2-L	Sealing principle	soft
Manual override detenting Pushing Covered		Anv
Pushing Covered Type of piloting Piloted Piloted Piloted Pilot air supply Internal Lap Positive overlap Pilot pressure MPa Positive overlap No Switching time off 11 ms Switching time off 11 ms Switching time on 8 ms Duty cycle 100 % Max. positive test pulse with logic 0 Max. positive test pulse with logic 1 900 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 Permissible voltage fluctuation 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 942017-4 and EN 60068-2-6 Restriction ambient and medium temperature Without holding current reduction -5 -50 °C 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 PWIS conformity VDMA24364-B1/B2-L		
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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 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 and EN 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L		·
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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 and EN 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress PWIS conformity VDMA24364-B1/B2-L	Vibration resistance	Transport application test at severity level 2 in accordance with FN
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	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