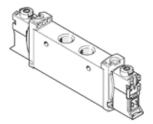
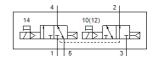
Solenoid valve VUVG-L14-T32H-AT-G18-1P3 Part number: 566498







Data sheet

Valve size	Feature	Value
Valve size	Valve function	2x3/2 open/closed, monostable
Standard nominal flow rate Operating pressure MPa O15 0.8 MPa O15 0.8 MPa Oxforing pressure MPa O15 0.8 MPa Design Structure Piston slide Protection class IP40 Protection class IP40 Nominal size Authorization Nominal size Nominal size Authorization Nominal size Nomina	Type of actuation	·
Operating pressure MPa	Valve size	14 mm
Working pressure	Standard nominal flow rate	580 590 l/min
1.5 8 bar	Operating pressure MPa	0.15 0.8 MPa
Design structure Type of reset Air spring Authorization RCM Mark c UL us - Recognized (OL) Protection class Profess Protection class Profess Protection class Profess		1.5 8 bar
Type of reset Authorization RCM Mark cUL us - Recognized (OL) Protection class IP40 IP65 with plug socket Nominal size A.6 mm Exhaust-air function Sealing principle Sealing principle Assembly position Annual override detenting Pushing Covered Type of piloting Pilot air supply Internal Internal Pilot pressure MPa Internal Pilot pressure Internal Interna		Piston slide
Authorization RCM Mark c UL us - Recognized (OL) Protection class IP40 IP65 With plug socket Nominal size 4.6 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 0.15 0.8 MPa Pilot pressure MPa Suitability for vacuum No Switching time off 25 ms Switching time off 9 ms Duty cycle 100 % Max. negative test pulse with logic 0 700 µs Max. negative test pulse with logic 1 990 µs Characteristic coil data 24 V DC: 10w-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 Vibration resistance Resistance Shock resistance classification CRC VDMA24364.81/82-L		Air spring
Protection class P40 P65 With plug socket	Authorization	
Protection class P40 P65 With plug socket		c UL us - Recognized (OL)
with plug socket A.6 mm Exhaust-air function Sealing principle	Protection class	
Nominal size		IP65
Nominal size		with plug socket
Sealing principle Assembly position Any Manual override Manual override Manual override Manual override Method Manual override Method Manual override Method Manual override Method Manual override Pushing Covered Type of piloting Piloted Piloted Piloted Piloted Positive overlap Piloted Positive overlap Positive overlap Pilot pressure MPa 1.5 8 Bar Suitability for vacuum No Switching time off 25 ms Switching time on 9 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 Max. negative test pulse with logic 1 900 µs Max. negative test pulse with logic 1 900 µs Max. negative test pulse with logic 1 900 µs Ma	Nominal size	
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Assembly position Manual override Manual override Manual override Manual override Arry detenting Pushing Covered Covered Piloted Piloted Piloted Pilot air supply Internal Lap Positive overlap Positive overlap Positive overlap Positive overlap Pilot pressure MPa 1.5 8 bar Suitability for vacuum No Switching time off 25 ms Switching time on 9 ms Duty cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data 24 V DC: 1 W 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 +/- 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Ubircated 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 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	Sealing principle	soft
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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 151 m UU C	Medium temperature	-5 60 °C



Feature	Value	
Ambient temperature	-5 60 °C	
Product weight	89 g	
Electrical connection	Via electrical connection plate	
Mounting type	on manifold rail	
	with through hole	
	Optional	
Pneumatic connection, port 1	G1/8	
Pneumatic connection, port 2	G1/8	
Pneumatic connection, port 3	G1/8	
Pneumatic connection, port 4	G1/8	
Pneumatic connection, port 5	G1/8	
Materials note	Conforms to RoHS	
Material seals	HNBR	
	NBR	
Material housing	Wrought Aluminum alloy	