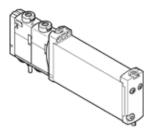
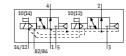
solenoid valve VUVG-B14-T32U-AZT-F-1T1L-EX2C Part number: 8041959







Data sheet

Type of actuation	Feature	Value
Valve size 1 in mm Standard nominal flow rate 4901/min Operating pressure MPa 0.151 MPa Operating pressure MPa 1.510 bar Peston Side Ploton Side Alr spring Authorisation C UL us - Recognized (OL) Protection class IP65 Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Pilot air supply Overlap Positive overlap Signal status display ILED Polito pressure Max. switching frequency 3142 Switching time off 29 ms Switching time off 3142 Switching time off 3142 Switching time off 3142 Switching time off 30 ms Switchin	Valve function	2x3/2 open, monostable
Standard nominal flow rate 490 //min	Type of actuation	electrical
Operating pressure MPa Design structure Design structure Piston slide Type of reset Air spring Cul Us. Recognized (OL) Protection class IP65 Exhaust-air function throttleable Sealing principle Soft Assembly position Any Manual override detenting Pushing Type of piloting Pilot air supply Overlap Overla	Valve size	14 mm
Deperating pressure	Standard nominal flow rate	490 l/min
Design structure Piston slide Type of reset Air spring Authorisation c U. u. s. Recognized (OU) Protection class IP65 PROTECTION through the protection of t	Operating pressure MPa	0.15 1 MPa
Design structure Piston slide Type of reset Air spring Authorisation c U. u. s. Recognized (OU) Protection class IP65 PROTECTION through the protection of t	Operating pressure	1.5 10 bar
Authorisation class IP65 Protection class IP65 Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Overlap Positive overlap Signal status display IED Pilot pressure MPa 0.15 0.8 MPa Pilot pressure MPa Ax. switching frequency 3 1tz Switching time of 29 ms Switching time of 29 ms Switching time of 10 ms Duty cycle 100 % Max. positive test pulse with logic 1 3,000 µs Max. negative test pulse with logic 1 3,000 µs Characteristic coil data 22 V Dc 1 W Permissible voltage fluctuation 4/- 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Vibration resistance Shock resistance Cassification CRC 2 Moderate corrosion resistance classification CRC 2 Moderate corrosion stress Vibration in eperature 5 60 °C Product weight Max PNBR Material seats HNBR Material seats MRR Material seats MRR	Design structure	Piston slide
Protection class IP65 Exhaust-air function throttleable Sealing principle soft Any Manual override detenting Pushing Type of piloting Piloted Pilot air supply external Overlap Positive overlap Signal status display IEB Pilot pressure MPa 0.15 0.8 MPa Pilot pressure MPa 1.5 8 bar Max. switching frequency 3 Hz Switching time on 10 ms Duty cycle 100 % Max. positive test pulse with logic 0 1,600 µs Max. negative test pulse with logic 1 3,000 µs Max. negative test pulse with logic 1 3,000 µs Permissible voltage fluctuation 4 */* 10 % Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Understance Shock resistance Classification CRC 2 *Moderate corrosion stress Pilot pressure Shock memperature 5 60 °C Product weight Logic 1	Type of reset	Air spring
P67	Authorisation	c UL us - Recognized (OL)
Exhaust air function throttleable soft Sealing principle soft soft Any Sealing principle soft Any Manual override detenting Pushing Ploted Pushing Plioted Plot air supply external Overlap Positive Posit	Protection class	IP65
Sealing principle Assembly position Any Any Manual override detenting Pushing Type of piloting Pilot air supply external Overlap Signal status display Dilot pressure Max. switching frequency 3 Hz Switching time on Duty cycle 100 % Max. negative test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coll data 22 V DC: 1 W Permissible voltage fluctuation Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock resistance Shock as a manifold block Mediation Mounting type Max. point on manifold rail Material seals Max. Positic on manifold rail Material seals Max. Positic manifold book Max. positic manifold positic manifold book Max. positic manifold book Max. positic manifold book Max. positic manifold book Max. positic manifold positic manifold book Max. positic manifold positic manifold book Max. positic manifold positic man		IP67
Assembly position Manual override detenting Pushing Type of piloting Pilot air supply external Overlap Positive overlap Signal satus display LED Pilot pressure MPa Pilot pressure MPa Pilot pressure 1.5 8 bar Max. switching frequency Switching time off 29 ms Switching time of Duty cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Anazaristic coil data 22 Y DC: 1 W Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] 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 60068-2-6 PWIS conformity WomA24364-82-1 Medium temperature 5 60 °C PPIOS on manifold block Mounting type Material seals	Exhaust-air function	throttleable
Assembly position Manual override detenting Pushing Type of piloting Pilot air supply external Overlap Positive overlap Signal satus display LED Pilot pressure MPa Pilot pressure MPa Pilot pressure 1.5 8 bar Max. switching frequency Switching time off 29 ms Switching time of Duty cycle 100 % Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Anazaristic coil data 22 Y DC: 1 W Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] 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 60068-2-6 PWIS conformity WomA24364-82-1 Medium temperature 5 60 °C PPIOS on manifold block Mounting type Material seals	Sealing principle	soft
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LED	Overlap	Positive overlap
Pilot pressure MPa 1.5 8 bar Max. switching frequency 3 Hz Switching time of 29 ms Switching time on 10 ms Duty cycle 100 % Max. negative test pulse with logic 0 1,600 µs Max. negative test pulse with logic 1 3,000 µs Characteristic coil data 22 V DC: 1 W Permissible voltage fluctuation Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Uibricated operation possible (subsequently required for further operation) Vibration 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 WDMA24364-B2-L Medium temperature 5 · 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 60 °C Product weight 10 2 g Electrical connection via manifold rail Material seals HNBR NBR	Signal status display	
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Max. negative test pulse with logic 1 3,000 μs Characteristic coil data 22 V DC: 1 W Permissible voltage fluctuation +/- 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 942017-4 and EN 60068-2-6 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-B2-L Medium temperature -5 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 60 °C Product weight 102 g Electrical connection via manifold block Mounting type on manifold rail Materials note Conforms to RoHS Material seals HNBR NBR		1,600 μs
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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 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-B2-L Medium temperature -5 60 °C Product weight 102 g Electrical connection Via manifold block Mounting type on manifold rail Materials sole Materials seals HNBR NBR		Compressed air in accordance with ISO8573-1:2010 [7:4:4]
942017-4 and EN 60068-2-6 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-B2-L Medium temperature -5 60 °C Pilot medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Ambient temperature -5 60 °C Product weight 102 g Electrical connection via manifold block Mounting type on manifold rail Materials note Material seals HNBR NBR	Note on operating and pilot medium	Lubricated operation possible (subsequently required for further
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Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -5 60 °C Product weight 102 g Electrical connection via manifold block Mounting type on manifold rail Materials note Conforms to RoHS HNBR NBR	PWIS conformity	VDMA24364-B2-L
Ambient temperature -5 60 °C Product weight 102 g Electrical connection via manifold block Mounting type on manifold rail Materials note Conforms to RoHS Material seals HNBR NBR	Medium temperature	-5 60 °C
Product weight 102 g Electrical connection via manifold block Mounting type on manifold rail Materials note Conforms to ROHS Material seals HNBR NBR	Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Electrical connection via manifold block Mounting type on manifold rail Materials note Conforms to RoHS Material seals HNBR NBR	Ambient temperature	-5 60 °C
Electrical connection via manifold block Mounting type on manifold rail Materials note Conforms to RoHS Material seals HNBR NBR	Product weight	102 g
Mounting type on manifold rail Materials note Conforms to RoHS Material seals HNBR NBR	Electrical connection	
Materials note Conforms to RoHS Material seals HNBR NBR	Mounting type	on manifold rail
NBR	Materials note	
	Material seals	
	Material housing	Wrought Aluminium alloy