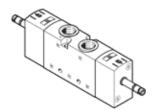
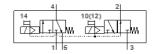
solenoid valve **VUVS-LT30-T32H-MD-N38-F8**Part number: 8036733







Data sheet

60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	Feature	Value
Valve size 31 mm Standard nominal flow rate	Valve function	2x3/2 open/closed, monostable
Standard nominal flow rate 1,600 l/min	Type of actuation	electrical
Operating pressure MPa 0.25 1 MPa Operating pressure 2.5 10 bar Design structure Poppet seat Type of reset mechanical spring Authorisation c UL us - Recognized (OL) Nominal size 7.8 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pushing Plotted Plot air supply Internal Flow direction non reversible Overlap Underlap b value 0.3 C value 6.7 I/sbar Switching time off 37 ms Switching time of 37 ms Switching time on 13 ms Max. positive test pulse with logic 0 2.000 µs Max. negative test pulse with logic 1 3,600 µs Characteristic coil data See solenoid coil, to be ordered separately Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation poss	Valve size	31 mm
Design structure Poppet seat mechanical spring Authorisation c UL us - Recognized (OL) Nominal size 7.8 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Pliot air supply Internal Flow direction non reversible Underlap b value 0.3 Switching time off 37 ms Switching time off 37 ms Switching time off 37.6 ms Max. negative test pulse with logic 1 3,600 µs Characteristic coil data See solenoid coil, to be ordered separately Operating and pilot medium Curbersistance Shock resistance 50 cc — Shock test with severity level 2 in accordance with FN 942017-5 and E 610th compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 1-10 60 °C Flood test pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 1-10 60 °C Floodured by the through hole	Standard nominal flow rate	1,600 l/min
Design structure Poppet seat mechanical spring Authorisation c UL us - Recognized (OL)	Operating pressure MPa	0.25 1 MPa
Type of reset Authorisation c UL us - Recognized (OL) Nominal size Exhaust-air function throttleable Sealing principle soft Assembly position Manual override detenting Pushing Pliloted Plilot air supply Internal Ioward Overlap Underlap Value C-Value Switching time off Switching time off Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Floduct weight Medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature Floduct weight Mounting type on manifold rail with through hole With Inforced Hospital Water Compressed air in accordance with ISO8573-1:2010 [7:4:4] Aubient temperature - 10 60 °C Froduct weight Mounting type on manifold rail with through hole	Operating pressure	2.5 10 bar
Authorisation C UL us - Recognized (Ot) Nominal size 7.8 mm throttleable Sealing principle Soft Assembly position Manual override detenting Pushing Type of piloting Piloted Piloted Piloted Piloted Poverlap Underlap b value 0.3 C value 0.7 ysbar Switching time off 37 ms Switching time off Max. negative test pulse with logic 0 Qoerating medium Note on operating and pilot medium Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and E 60066-27 Corrosion resistance classification CRC Medium temperature Product weight Mounting type Outpart of the control of the contro	Design structure	Poppet seat
Nominal size Same Exhaust-air function Soft Sealing principle Soft Sealing principle Soft Any Manual override detenting Pushing Pushing Pushing Piloted Pilot air supply Internal Pilot direction non reversible Overlap Underlap Divided O.3 O.3 O.4 O.3 O.5 O.	Type of reset	mechanical spring
Exhaust-air function Sealing principle Any Manual override Any Manual override Pushing Type of piloting Piloted Pilot air supply Flow direction Overlap b value C value O.3 C value O.7 I/sbar Switching time off Switching time off Max. negative test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock test with severity level 2 in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Product weight Mounting type with through hole with through hole with through hole with through hole	Authorisation	c UL us - Recognized (OL)
Sealing principle Soft Any	Nominal size	7.8 mm
Assembly position Manual override Manual override Manual override Manual override Description Type of piloting Piloted Piloted Piloted Pilot air supply Internal Flow direction Doverlap Doverlap Dovalue O.3 C value Switching time off 37 ms Switching time on Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data Deperating medium Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and E 60068-2-72 Corrosion resistance classification CRC Product weight Any detenting Ploted Piloted Product weight Any detenting Pushing Plioted Polioted Portaling Plioted Polioted Possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and E 60068-2-72 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature 10 60 °C Product weight Mounting type on manifold rail with through hole	Exhaust-air function	throttleable
Assembly position Manual override Manual override Manual override Manual override Description Type of piloting Piloted Piloted Piloted Pilot air supply Internal Flow direction Doverlap Doverlap Dovalue O.3 C value Switching time off 37 ms Switching time on Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Characteristic coil data Deperating medium Note on operating and pilot medium Ubricated operation possible (subsequently required for further operation) Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and E 60068-2-72 Corrosion resistance classification CRC Product weight Any detenting Ploted Piloted Product weight Any detenting Pushing Plioted Polioted Portaling Plioted Polioted Possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and E 60068-2-72 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature 10 60 °C Product weight Mounting type on manifold rail with through hole	Sealing principle	soft
Type of piloting Piloted Pilot air supply Pilot medium Pilot air supply Pilot supp	Assembly position	Any
Figure of piloting Pilot air supply Internal Flow direction non reversible Overlap Underlap Underlap Underlap Underlap b value 0.3 C value 6.7 l/sbar Switching time off 37 ms Switching time off 37 ms Switching time on 13 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs C haracteristic coil data See solenoid coil, to be ordered separately Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Unbricated 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 E 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight Mounting type on manifold rail with through hole	Manual override	detenting
Figure of piloting Pilot air supply Internal Flow direction non reversible Overlap Underlap Underlap Underlap Underlap b value 0.3 C value 6.7 l/sbar Switching time off 37 ms Switching time off 37 ms Switching time on 13 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs C haracteristic coil data See solenoid coil, to be ordered separately Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Unbricated 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 E 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight Mounting type on manifold rail with through hole		=
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Flow direction non reversible		Internal
Display		non reversible
Display	Overlap	Underlap
C value 6.7 l/sbar Switching time off 37 ms Switching time on 13 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs Characteristic coil data See solenoid coil, to be ordered separately 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 E 60068-2-27 Corrosion resistance classification CRC 2 · Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	'	·
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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 E 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	Operating medium	
942017-4 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and E 60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole		Lubricated operation possible (subsequently required for further
60068-2-27 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	Vibration resistance	
Medium temperature -10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	Shock resistance	Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	Medium temperature	-10 60 °C
Ambient temperature -10 60 °C Product weight 442 g Mounting type on manifold rail with through hole	Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Mounting type on manifold rail with through hole	Ambient temperature	
Mounting type on manifold rail with through hole	Product weight	442 g
with through hole		
	- <i>'</i>	with through hole
Uptional		Optional
Scavenging orifice connection Non-ducted	Scavenging orifice connection	
Pilot exhaust port 82 10-32 UNF-2B		
Pilot exhaust port 84 10-32 UNF-2B	•	
Pneumatic connection, port 1 3/8 NPT		
Pneumatic connection, port 2 3/8 NPT	• •	



Feature	Value
Pneumatic connection, port 3	3/8 NPT
Pneumatic connection, port 4	3/8 NPT
Pneumatic connection, port 5	3/8 NPT
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
	TPE-U(PU)
Material housing	Die-cast aluminium, painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Galvanised steel