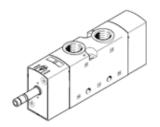
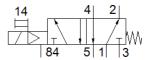
solenoid valve VUVS-L30-M52-MD-G38-F8 Part number: 575602







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 450 g Mounting type on manifold rail	Feature	Value
Valve size 31 mm 2,300 l/min 2,300 l/min 2,300 l/min 2,300 l/min 2,300 l/min 2,300 l/min 2,5 1 MPa 2,5.	Valve function	5/2 monostable
Standard nominal flow rate Operating pressure MPa O.25 1 MPa Operating pressure 2.5 10 bar Design structure Piston slide Type of reset Martinistic Cution Martitine classification Cution See certificate Exhaust-air function Sealing principle Assembly position Any Manual override Piototing Piloted Pilot air supply Internal Flow direction Overlap Devalue Over	Type of actuation	electrical
Operating pressure MPa Operating pressure Operating pressure 2.5 10 bar Design structure Piston slide Type of reset Authorisation Certificate classification See certificate Certificate issuing department Nominal size DNVGL-TAA000011J Nominal size Shaust-air function Sealing principle Soft Assembly position Any Manual override detenting Pushing Pilot air supply Internal Flow direction Overlap Positive overlap Dvalue O.4 C-value Switching time on 17 ms Max. positive test pulse with logic 0 Max. negative test pulse with logic 0 Max. negative test pulse with logic 1 Operating medium Vibration resistance Shock resistance Flot overlap Flot overlap Flot overlap Flow overlap	Valve size	31 mm
Design structure Piston slide Use see seed Authorisation Cult us - Recognized (OL) Maritime classification See certificate Design structure Design structure Authorisation Cult us - Recognized (OL) Maritime classification See certificate DNYGL-TAA000011J Nominal size DNYGL-TAA000011J Nominal size Sealing principle Soft Assembly position Any Manual override detenting Pushing Type of piloting Piloted Piloted Piloted Piloted Filoted Filoted Overlap Positive overlap Positive overlap Positive overlap Positive overlap Doubling time off Soz ms Switching time off Soz ms Max. positive test pulse with logic 0 Querating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Compressed air in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-7 Corrosion resistance classification CRC Medium temperature 1-10 60 °C Product weight Mounting type on manifold rail	Standard nominal flow rate	2,300 l/min
Design structure Type of reset mechanical spring Cut lus - Recognized (OL) Maritime classification cut lus - Recognized (OL) Maritime classification see certificate DNVGL-TAA000011] Nominal size 9.4 mm Exhaust-air function throttleable Sealing principle Assembly position Any Manual override detenting Pushing Type of piloting Pilot air supply Internal Flow direction non reversible Overlap Desitive overlap Davidue Cvalue 9.9.1 (shar Switching time off Solopus Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Cybration Compressed air in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance Shock resistance Shock resistance Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature Product weight ASO g Mounting type on manifold rail	Operating pressure MPa	0.25 1 MPa
Type of reset	Operating pressure	2.5 10 bar
Authorisation cutting designation see certificate see certificate coefficate DNGL TAAO00011 Soft Assembly position Any detenting Pushing Pushing Pushing Pushing Plotted DNGL TAAO0001 DNGL TAAO00000000000000000000000000000000000	Design structure	Piston slide
Maritime classification See certificate Certificate issuing department DNVGL-TAA000011] Nominal size Exhaust-air function throttleable Sealing principle Any Manual override Type of piloting Pilot air supply Pilot air supply Plot air supply Internal Flow direction Overlap Positive overlap Positive overlap Switching time off Switching time off Switching time off Max. positive test pulse with logic 1 Operating medium Note on operating and pilot medium Vibration resistance Shock resistance Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Corrosion resistance classification CRC Ambient temperature 10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature 10 60 °C Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient 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	Type of reset	mechanical spring
Certificate issuing department DNVGL-TAA000011J Nominal size 9.4 mm Exhaust-air function throttleable Sealing principle soft Assembly position Any Manual override detenting Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap b value 0.4 C value 9.9 l/sbar Switching time off 62 ms Switching time of 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 2,000 μs Max. negative test pulse with logic 1 3,600 μs Operating medium Compressed air in accordance with IS08573-1:2010 [7:4:4] Note on operating and pilot medium Lubricated operation possible (subsequently required for further operation) Vibration resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medi	Authorisation	c UL us - Recognized (OL)
Nominal size	Maritime classification	see certificate
Nominal size Seximal State Seximal State	Certificate issuing department	DNVGL-TAA000011J
Sealing principle soft Assembly position Any Manual override detenting Pushing Plioted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap b value 0.4 C value 9.9 l/sbar Switching time off 62 ms Switching time of 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 2,000 μs Max. negative test pulse with logic 1 3,600 μs 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 60068-2-6 Shock 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 </td <td></td> <td>9.4 mm</td>		9.4 mm
Assembly position Any Manual override detenting Pushing Pushing Piloted Piloted Piloted Pilot air supply Internal Flow direction Overlap Positive overlap Do value C value Switching time off Switching time off Switching time on Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC Medium temperature -10 60 °C Product weight Mounting type on manifold rail	Exhaust-air function	throttleable
Assembly position Any Manual override detenting Pushing Pushing Piloted Piloted Piloted Pilot air supply Internal Flow direction Overlap Positive overlap Do value C value Switching time off Switching time off Switching time on Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-27 Corrosion resistance classification CRC Medium temperature -10 60 °C Product weight Mounting type on manifold rail	Sealing principle	soft
Manual override detenting		Any
Pushing Type of piloting Piloted Piloted Piloted Piloted Piloted Piloted Piloted Piloted Positive overlap Positive overlap Positive overlap b value C value Switching time off 62 ms Switching time off 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium Vibration resistance Transport application test at severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 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 Medium temperature -10 60 °C Product weight Mounting type on manifold rail		,
Type of piloting Piloted Pilot air supply Internal Flow direction non reversible Overlap Positive overlap Dvalue 0.4 C value 9.9.1/sbar Switching time off 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs 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 60068-2-7 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 450 g Mounting type on manifold rail		_ =
Pilot air supply Internal Flow direction non reversible Overlap Positive overlap b value 0.4 C value 9.9 I/sbar Switching time off 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 2,000 μs Max. negative test pulse with logic 1 3,600 μs 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 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 450 g Mounting type on manifold rail	Type of piloting	
Flow direction non reversible Overlap Positive overlap b value 0.4 C value 9.9 l/sbar Switching time off 62 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs 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 60068-2-7 Corrosion resistance classification CRC 2 · Moderate corrosion stress Medium temperature -10 60 °C Product weight 450 g Mounting type on manifold rail		Internal
Overlap Positive overlap b value 0.4 C value 9.9 l/sbar Switching time off 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 2,000 μs Max. negative test pulse with logic 1 3,600 μs 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 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 450 g Mounting type on manifold rail		
b value C value 9.9 l/sbar Switching time off 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Operating medium Note on operating and pilot medium 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 60068-2-7 Corrosion resistance classification CRC 2 - Moderate corrosion stress Medium temperature -10 60 °C Product weight Mounting type O,4 9.9 l/sbar 9.0 μS 9.9 l/sbar 9.9 l/sba		
C value 9.9 l/sbar Switching time off 62 ms Switching time on 17 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs 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 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 450 g Mounting type on manifold rail	,	'
Switching time off Switching time on Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 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 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		
Switching time on 17 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs 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 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 450 g Mounting type on manifold rail		·
Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Note on operating and pilot medium 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 Medium temperature -10 60 °C Product weight Mounting type on manifold rail	=	
Max. negative test pulse with logic 13,600 μsOperating mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Note on operating and pilot mediumLubricated operation possible (subsequently required for further operation)Vibration resistanceTransport application test at severity level 2 in accordance with FN 942017-4 and EN 60068-2-6Shock resistanceShock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-27Corrosion resistance classification CRC2 - Moderate corrosion stressMedium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight450 gMounting typeon manifold rail		
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 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 450 g Mounting type on manifold rail		
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 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 450 g Mounting type on manifold rail		·
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 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 450 g Mounting type on manifold rail		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 450 g Mounting type on manifold rail	Vibration resistance	
Medium temperature-10 60 °CPilot mediumCompressed air in accordance with ISO8573-1:2010 [7:4:4]Ambient temperature-10 60 °CProduct weight450 gMounting typeon manifold rail	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 450 g Mounting type on manifold rail	Corrosion resistance classification CRC	2 - Moderate corrosion stress
Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight 450 g Mounting type on manifold rail	Medium temperature	-10 60 °C
Ambient temperature -10 60 °C Product weight 450 g Mounting type on manifold rail	·	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Product weight 450 g Mounting type on manifold rail	Ambient temperature	
Mounting type on manifold rail	·	450 g
= 1/		-
	- ··	with through hole
Optional		
Scavenging orifice connection Non-ducted	Scavenging orifice connection	•
Pilot exhaust port 84 M5		
Pneumatic connection, port 1 G3/8		
Pneumatic connection, port 2 G3/8		



Feature	Value
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	G3/8
Pneumatic connection, port 5	G3/8
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminium die cast
	Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Steel, nickel-plated