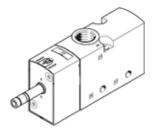
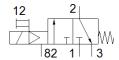
## solenoid valve VUVS-L25-M32C-MD-G14-F8 Part number: 575473







## **Data sheet**

Valve function         312 closed, monostable           Type of actuation         electrical           Valve size         2.6.5 mm           Standard nominal flow rate         1,000 l/min           Operating pressure         2.5 1.0 bar           Design structure         Piston slide           Type of reset         mechanical spring           Authorisation         c UL us - Recognized (OL)           Nominal size         6.3 mm           Exhaust-air function         throttleable           Sealing principle         soft           Assembly position         Any           Manual override         detenting           Pushing         Pushing           Type of piloting         Piloted           Pilot direction         non reversible           Overlap         Positive overlap           b value         0.3           C value         4.8 l/sbar           Switching time of         4.0 ms           Max. regative sets pulse with logic 0         2.000 µs           Max. regative sets pulse with logic 1         3.500 µs           Certificate issuing department         ONVGL-TAA000011.1           Operating medium         Lubricated operation possible (subsequently required for further operation) </th <th>Feature</th> <th>Value</th>	Feature	Value
Valve size	Valve function	3/2 closed, monostable
Standard nominal flow rate Operating pressure Design structure Pistors slide Type of reset Authorisation Naminal size Exhaust-air function Exhaust-air funct	Type of actuation	electrical
Design structure	Valve size	26.5 mm
Design structure Type of reset Rechanical spring Authorisation CUL us - Recognized (OL) Nominal size G.3 mm Exhaust-air function Sealing principle Soft Assembly position Any Manual override  Type of piloting Piloted Piloted Piloted Positive overlap Positive overlap Positive overlap Positive overlap Positive overlap Switching time on Max. negative test pulse with logic 0 Ass. 3.800 µs Assembly medium Doperating medium Doperating medium Doperating and pilot medium Vibration resistance Shock resistance Shock resistance Shock resistance Savenging orifice connection, port 1 Procured on 11 Procured of Savenging or 12 Procured on 12 Procured on 15 Pr	Standard nominal flow rate	1,000 l/min
Design structure	Operating pressure	2.5 10 bar
Type of reset   mechanical spring   Authorisation   c UL us - Recognized (OL)   Nominal size   6.3 mm   Exhaust-air function   throttleable   Sealing principle   soft   Assembly position   Any   Manual override   detenting   Pushing   Type of piloting   Piloted   Pilot air supply   Internal   Flow direction   non reversible   Overlap   Positive overlap   b value   0.3   C value   4.8 l/sbar   Switching time off   40 ms   Switching time off   40 ms   Switching time off   40 ms   Max. positive test pulse with logic 0   Max. negative test pulse with logic 1   3.600 µs   Coerfficate issuing department   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 resistance   Flot medium   Compressed air in accordance with FN 942017-5 and EN 60068-2-2   Corrosion resistance   Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Compressed air in accordance with FN 942017-5 and EN 60068-2-2   Flot medium   Compressed air in accordance with FN 942017-5 and EN 60068-2-2   Flot medium   Compressed air in accordance with FN 942017-5 and EN 60068-2-2   Flot medium   Compressed air in accordance with FN 942017-5 and EN 60068-2-2   Flot medium   Compressed air in accordance with FN 942017-5 and EN 60068-2-2   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Flot medium   Compressed air in accordance with FN 942017-5 and EN 60068-2-2   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Flot medium   Compressed air in accordance with ISO8573-1:2010 [7:4:4]   Flot medium   C		Piston slide
Authorisation   c UL us - Recognized (OL)		mechanical spring
Nominal size   Exhaust-air function   Exhau		
Sealing principle Assembly position Any Manual override  detenting Pushing Type of piloting Pilot air supply Internal Flow direction Overlap Positive overlap P		- , ,
Assembly position  Manual override  Manual override  Meltoting  Type of pilotting  Piloted  Pilot air supply  Internal  Flow direction  Overlap  Positive overlap  b value  0.3  C value  4.8 l/sbar  Switching time off  40 ms  Switching time off  Max. positive test pulse with logic 0  Max. positive test pulse with logic 1  2,000 µs  Max. positive test pulse with logic 1  Max. positive test pulse with logic 1  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 942017-5 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  4-4 Moderate corrosion stress  Medium temperature  10 60 °C  Product weight  Ambient temperature  10 60 °C  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Product weight  Mounting type  Optional  on manifold rail  with through hole  Scavenging orifice connection  Non-ducted  Non-ducted  Pilot exhaust port 82  M5  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4	Exhaust-air function	throttleable
Assembly position  Manual override  Manual override  Meltoting  Type of pilotting  Piloted  Pilot air supply  Internal  Flow direction  Overlap  Positive overlap  b value  0.3  C value  4.8 l/sbar  Switching time off  40 ms  Switching time off  Max. positive test pulse with logic 0  Max. positive test pulse with logic 1  2,000 µs  Max. positive test pulse with logic 1  Max. positive test pulse with logic 1  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 942017-5 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  4-4 Moderate corrosion stress  Medium temperature  10 60 °C  Product weight  Ambient temperature  10 60 °C  Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Corrosion resistance with ISO8573-1:2010 [7:4:4]  Ambient temperature  10 60 °C  Product weight  Mounting type  Optional  on manifold rail  with through hole  Scavenging orifice connection  Non-ducted  Non-ducted  Pilot exhaust port 82  M5  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4	Sealing principle	soft
Manual override Pushing Pushing Pushing Pilot air supply Pilot air supply Plot air supply Plot air supply Plot air supply Positive overlap Positive overlap Positive overlap Dovarlap Positive overlap Dovarlap Do		
Pushing Type of piloting Pilot air supply Internal Flow direction Overlap D value D 0.3 C value A 8 Isbar Switching time off Switching time off Max. positive test pulse with logic 0 Max. negative test pulse with logic 1 Derating and pilot medium Operating and pilot medium Operating and pilot medium Ubricated operation possible (subsequently required for further operation) Vibration resistance Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-2 Corrosion resistance classification CRC Derion dium Compressed air in accordance with FN 942017-5 and EN 60068-2-2 Corrosion resistance classification CRC Corrosion resistance Shock test with severity level 2 in accordance with FN 942017-6 and EN 60068-2-2 Pilot medium Compressed air in accordance with ISO8573-1:2010 [7:4:4] Ambient temperature -10 60 °C Product weight Cample and in accordance with ISO8573-1:2010 [7:4:4] Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pneumatic connection, port 1 Pneumatic connection, port 2 G1/4 Pneumatic connection, port 2 G1/4		•
Type of piloting Piloted Pilot air supply Internal Pilot air supply Internal Plow direction non reversible Overlap Positive overlap b value 0.3 C value 4.8 l/sbar Switching time off 40 ms Switching time on 11 ms Max. positive test pulse with logic 0 2,000 µs Max. negative test pulse with logic 1 3,600 µs Certificate issuing department DINYGL-TAA000011J 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 60068-2-6 Shock resistance Shock test with severity level 2 in accordance with FN 942017-5 and EN 60068-2-6 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 044 g Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pneumatic connection, port 1 G1/4 Pneumatic connection, port 2 G1/4		
Pilot air supply Flow direction Overlap Doverlap	Type of piloting	-
Flow direction Overlap Positive overlap Positive overlap Double Dou		1177
Overlap       Positive overlap         b value       0.3         C value       4.8 l/sbar         Switching time off       40 ms         Switching time on       11 ms         Max. positive test pulse with logic 0       2,000 μs         Max. negative test pulse with logic 1       3,600 μs         Certificate issuing department       DNVGL-TAA000011J         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       244 g         Mounting type       Optional on manifold rail with through hole         Scavenging orifice connection       Non-ducted         Pilot exhaust port 82       M5         Pneumatic connection, port 1		
b value 0.3 C value 4.8 l/sbar Switching time off 40 ms Switching time on 11 ms Max. positive test pulse with logic 0 2.000 µs Max. negative test pulse with logic 1 3.600 µs Certificate issuing department DNVGL-TAA000011J 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 244 g Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pneumatic connection, port 1 G1/4 Pneumatic connection, port 2 G1/4	1 1 1111	
C value 4.8 l/sbar  Switching time off 40 ms  Switching time on 11 ms  Max. positive test pulse with logic 0 2,000 µs  Max. negative test pulse with logic 1 3,600 µs  Certificate issuing department DNVGL-TAA000011J  Operating medium Compressed air in accordance with ISO8573-1:2010 [7:4:4]  Note on operating and pilot medium coperation)  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 244 g  Mounting type Optional on manifold rail with through hole  Scavenging orifice connection Non-ducted  Pilot exhaust port 82  M5  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4  Pneumatic connection, port 2  G1/4	'	,
Switching time off Switching time on Swax. positive test pulse with logic 0 Swax. negative test pulse with logic 1 Swax. negative		
Switching time on 11 ms  Max. positive test pulse with logic 0 2,000 µs  Max. negative test pulse with logic 1 3,600 µs  Certificate issuing department DNVGL-TAA000011J  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 244 g  Mounting type Optional on manifold rail with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4  Pneumatic connection, port 2		
Max. positive test pulse with logic 0       2,000 μs         Max. negative test pulse with logic 1       3,600 μs         Certificate issuing department       DNVGL-TAA000011J         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       244 g         Mounting type       Optional on manifold rail with through hole         Scavenging orifice connection       Non-ducted         Pilot exhaust port 82       M5         Pneumatic connection, port 1       G1/4         Pneumatic connection, port 2       G1/4		
Max. negative test pulse with logic 1       3,600 μs         Certificate issuing department       DNVGL-TAA000011J         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       244 g         Mounting type       Optional on manifold rail with through hole         Scavenging orifice connection       Non-ducted         Pilot exhaust port 82       M5         Pneumatic connection, port 1       G1/4         Pneumatic connection, port 2       G1/4		
Certificate issuing department  DNVGL-TAA000011J  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  Optional  on manifold rail  with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  Pneumatic connection, port 1  G1/4  Pneumatic connection, port 2  G1/4		
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   244 g     Mounting type   Optional on manifold rail with through hole     Scavenging orifice connection   Non-ducted     Pilot exhaust port 82   M5     Pneumatic connection, port 1   G1/4     Pneumatic connection, port 2   G1/4     Pneumatic connection, port 2   G1/4     Pneumatic connection, port 2   G1/4     Page   P		·
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  Optional  on manifold rail  with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4  Pneumatic connection, port 2	<u> </u>	
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  244 g  Mounting type  Optional on manifold rail with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4  Pneumatic connection, port 2	, ,	<u> </u>
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 244 g  Mounting type Optional on manifold rail with through hole  Scavenging orifice connection Non-ducted  Pilot exhaust port 82 Pneumatic connection, port 1 G1/4 Pneumatic connection, port 2 G1/4		operation)
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  244 g  Mounting type  Optional on manifold rail with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  Pneumatic connection, port 1  G1/4  Pneumatic connection, port 2  G1/4	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 244 g  Mounting type Optional on manifold rail with through hole  Scavenging orifice connection Non-ducted  Pilot exhaust port 82 M5  Pneumatic connection, port 1 G1/4  Pneumatic connection, port 2 G1/4	Shock 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 244 g  Mounting type Optional on manifold rail with through hole  Scavenging orifice connection Non-ducted  Pilot exhaust port 82 M5  Pneumatic connection, port 1 G1/4  Pneumatic connection, port 2 G1/4	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  244 g  Mounting type  Optional on manifold rail with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4  Pneumatic connection, port 2		
Ambient temperature -10 60 °C  Product weight 244 g  Mounting type Optional on manifold rail with through hole  Scavenging orifice connection Non-ducted  Pilot exhaust port 82 M5  Pneumatic connection, port 1 G1/4  Pneumatic connection, port 2 G1/4	'	
Product weight  Mounting type  Optional on manifold rail with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4  Pneumatic connection, port 2	11 11 1	• • • • • • • • • • • • • • • • • • • •
Mounting type Optional on manifold rail with through hole Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pneumatic connection, port 1 G1/4 Pneumatic connection, port 2 G1/4		
on manifold rail with through hole  Scavenging orifice connection Non-ducted Pilot exhaust port 82 M5 Pneumatic connection, port 1 Pneumatic connection, port 2 G1/4	Ť	
with through hole  Scavenging orifice connection  Non-ducted  Pilot exhaust port 82  M5  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4		1 '
Scavenging orifice connection  Pilot exhaust port 82  Pneumatic connection, port 1  Pneumatic connection, port 2  G1/4  Pneumatic connection, port 2		
Pilot exhaust port 82 M5 Pneumatic connection, port 1 G1/4 Pneumatic connection, port 2 G1/4	Scavenging orifice connection	
Pneumatic connection, port 1 G1/4 Pneumatic connection, port 2 G1/4		
Pneumatic connection, port 2 G1/4		
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Phelimatic connection nort 3	Pneumatic connection, port 3	G1/4
Materials note Conforms to RoHS	•	



Feature	Value
Material seals	HNBR
	NBR
Material housing	Aluminium die cast
	Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	Galvanised steel