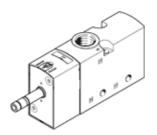
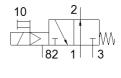
## Solenoid valve VUVS-L30-M32U-MD-N38-F8 Part number: 575642







## **Data sheet**

Feature	Value
Valve function	3/2 open, monostable
Type of actuation	electrical
Valve size	31 mm
Standard nominal flow rate	2,300 l/min
Operating pressure MPa	0.25 1 MPa
Working pressure	2.5 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Authorization	c UL us - Recognized (OL)
Maritime classification	see certificate
Certificate issuing department	DNVGL-TAA000011J
Nominal size	9.4 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
Lap	Positive overlap
b value	0.3
C value	9.2 l/sbar
Switching time off	57 ms
Switching time on	15 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	354 g
Mounting type	on manifold rail
	with through hole
	Optional
Scavenging orifice connection	Non-ducted
Pilot exhaust port 82	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
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
Material housing	Aluminum die cast
	Painted
Material Piston slide	Wrought Aluminum alloy
Material screws	Steel, nickel-plated