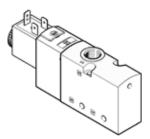
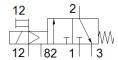
## Solenoid valve **VUVS-LT25-M32C-MZD-G14-F8-1B2**Part number: 8035172







## **Data sheet**

Feature	Value
Valve function	3/2 closed, monostable
Type of actuation	electrical
Valve size	26.5 mm
Standard nominal flow rate	1,000 l/min
Operating pressure MPa	-0.09 1 MPa
Working pressure	-0.9 10 bar
Design structure Design structure	Poppet seat
Type of reset	mechanical spring
Authorization	c UL us - Recognized (OL)
Protection class	IP65
	with plug socket
	to IEC 60529
Nominal size	6.9 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
	Pushing
Type of piloting	Piloted
Pilot air supply	external
Flow direction	non reversible
Lap	Underlap
Pilot pressure MPa	0.25 1 MPa
Pilot pressure	2.5 10 bar
b value	0.4
C value	4.4 l/sbar
Switching time off	23 ms
Switching time on	10 ms
Duty cycle	100%
Max. positive test pulse with logic 0	2,000 µs
Max. negative test pulse with logic 1	· · · · · · · · · · · · · · · · · · ·
Characteristic coil data	3,600 µs 24 V DC: 3.3 W
Permissible voltage fluctuation	+/- 10 %
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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)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
PWIS conformity	VDMA24364-B1/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	260 g
Electrical connection	Plug pattern type B to EN 175301-803
	to industry standard (11 mm)
Mounting type	on manifold rail
	with through hole



Feature	Value
	Optional
Scavenging orifice connection	Non-ducted
Pilot exhaust port 82	M5
Pilot air port 12	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Materials note	Conforms to RoHS
Material seals	HNBR
	NBR
	TPE-U(PU)
Material housing	Aluminum die cast
	Painted
Material screws	Galvanized steel