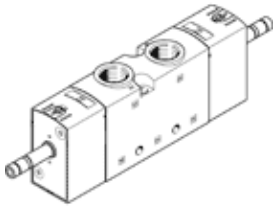
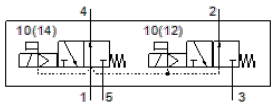
Solenoid valve
VUVS-LT25-T32U-MD-N14-F8

Part number: 8035226

FESTO





Data sheet

Feature	Value
Valve function	2x3/2 open, monostable
Type of actuation	electrical
Valve size	26.5 mm
Standard nominal flow rate	1,000 l/min
Operating pressure MPa	0.25 ... 1 MPa
Working pressure	2.5 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Authorization	c UL us - Recognized (OL)
Nominal size	6.6 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	Underlap
b value	0.3
C value	4.4 l/sbar
Switching time off	25 ms
Switching time on	10 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 EN 60068-2-27
Corrosion resistance classification CRC	2 - Moderate corrosion stress
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	312 g
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	Non-ducted
Pilot exhaust port 82	10-32 UNF-2B
Pilot exhaust port 84	10-32 UNF-2B
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 2	1/4 NPT

Feature	Value
Pneumatic connection, port 3	1/4 NPT
Pneumatic connection, port 4	1/4 NPT
Pneumatic connection, port 5	1/4 NPT
Materials note	Conforms to RoHS
Material seals	HNBR NBR TPE-U(PU)
Material housing	Aluminum die cast Painted
Material screws	Galvanized steel