

Solenoid valve

VUVS-LT25-T32U-MD-G14-F8-1B2

Part number: 8035206

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)
Protection class	IP65 with plug socket to IEC 60529
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
Duty cycle	100 %
Max. positive test pulse with logic 0	2,000 µs
Max. negative test pulse with logic 1	3,600 µs
Characteristic coil data	24 V DC: 3.3 W
Permissible voltage fluctuation	+/- 10 %
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	415 g
Electrical connection	Plug pattern type B to EN 175301-803 to industry standard (11 mm)
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	Non-ducted

Feature	Value
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Material seals	HNBR NBR TPE-U(PU)
Material housing	Aluminum die cast Painted
Material screws	Galvanized steel