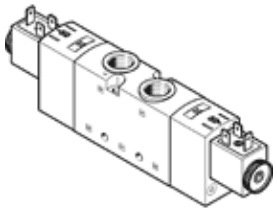
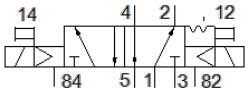
solenoid valve
VUVS-LT30-B52-D-G38-F8-1B2

Part number: 8036697

FESTO





Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	electrical
Valve size	31 mm
Standard nominal flow rate	1,800 l/min
Operating pressure	1.5 ... 10 bar
Design structure	Poppet seat
Authorisation	c UL us - Recognized (OL)
Protection class	IP65 with plug socket to IEC 60529
Nominal size	8.7 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	Underlap
b value	0.3
C value	9.9 l/sbar
Switching time reversal	13 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)
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	542 g
Electrical connection	Plug pattern type B to EN 175301-803
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	Non-ducted
Pilot exhaust port 82	M5

Feature	Value
Pilot exhaust port 84	M5
Pneumatic connection, port 1	G3/8
Pneumatic connection, port 2	G3/8
Pneumatic connection, port 3	G3/8
Pneumatic connection, port 4	G3/8
Pneumatic connection, port 5	G3/8
Materials note	Conforms to RoHS
Material seals	HNBR NBR TPE-U(PU)
Material housing	Die-cast aluminium, painted
Material Piston slide	POM
Material screws	Galvanised steel