

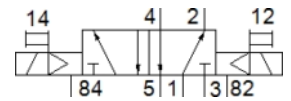
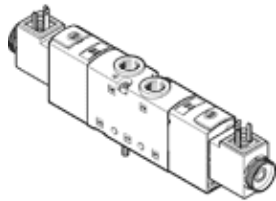
Solenoid valve

VUVS-L20-B52-D-G18-F7-1C1

Part number: 575265

★ Core product range

FESTO



Data sheet

Feature	values
Valve function	5/2 bistable
Type of actuation	electrical
Valve size	21 mm
Standard nominal flow rate	700 l/min
Operating pressure	1.5 ... 10 bar
Design structure	Piston slide
Protection class	IP65 with plug socket to IEC 60529
Nominal size	5.7 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
Freedom from overlap	Yes
Note on forced dynamisation	Switching frequency at least once a week
b value	0.35
C value	2.9 l/sbar
Switching time reversal	10 ms
Duty cycle	100%
Max. positive test pulse with logic 0	1,900 µs
Max. negative test pulse with logic 1	2,700 µs
Characteristic coil data	24 V DC: 2.5 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 SG2 to FN/EN
Corrosion resistance classification CRC	2
Medium temperature	-10 ... 50 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 50 °C
Product weight	259 g
Electrical connection	Design C
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	Non-ducted
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5

Feature	values
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Materials note	Conforms to RoHS
Materials information for seals	HNBR NBR
Materials information, housing	Aluminium die cast
Material information, piston spool	Wrought Aluminium alloy