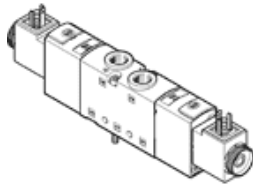
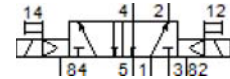


# solenoid valve

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

Part number: 575265

★ Core product range


**FESTO**


General operating conditions

Data sheet

### Data sheet

Feature	Value
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 to IEC 60529 with plug socket
Authorisation	c UL us - Recognized (OL)
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
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: 2.6 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	259 g
Electrical connection	Design C
Mounting type	Optional on manifold rail with through hole
Scavenging orifice connection	Non-ducted

Feature	Value
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
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
Material seals	HNBR NBR
Material housing	Aluminium die cast Painted
Material Piston slide	Wrought Aluminium alloy
Material screws	steel, galvanized