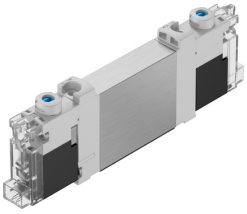
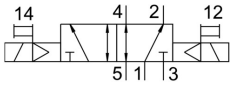
Solenoid valve
VUVG-BK10-B52-T-F-1H2L-S

Part number: 8042556





Data sheet

Feature	Value
Valve function	5/2 double solenoid
Type of actuation	Electric
Valve size	10 mm
Standard nominal flow rate	160 l/min
pneumatic working port	Flange
Operating voltage	24V DC
Operating pressure	0.15 MPa ... 0.7 MPa
Operating pressure	1.5 bar ... 7 bar
Design	Piston slide with sealing ring
Approval	c UL us - Recognized (OL)
Certificate issuing authority	UL MH19482
Degree of protection	IP40
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting Non-detenting
Type of piloting	Pilot actuated
Pilot air supply	Internal
Flow direction	Non-reversible
Symbol	00992897
lap	Positive overlap
Signal status display	LED
Max. switching frequency	2 Hz
Switching time reversal	7 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	1600 µs
Max. negative test pulse with 1 signal	3000 µs
Characteristic coil data	24 V DC: 0.8 W
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Vibration resistance	Transport application test with severity level 1 to FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 1 to FN 942017-5 and EN 60068-2-27

Feature	Value
Corrosion resistance class CRC	0 - No corrosion stress
LABS (PWIS) conformity	VDMA24364 zone III
Media temperature	-5 °C ... 50 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 50 °C
Product weight	57 g
Electrical connection	2-pin Plug pattern H, horizontal connection Plugs
Type of mounting	On manifold rail With through-hole
Pneumatic connection, port 2	Flange
Pneumatic connection, port 4	Flange
Note on materials	RoHS-compliant
Material seals	HNBR NBR
Material housing	Wrought aluminium alloy