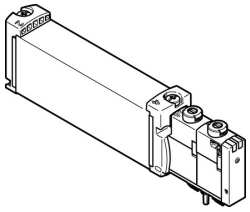
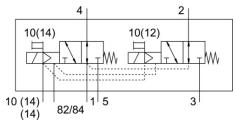
Air solenoid valve
VUVG-B18-T32U-MZT-F-1T1L

Part number: 8004889





Data sheet

Feature	Value
Valve function	2x3/2, open, monostable
Lap	Overlap
Actuation type	Electrical
Valve size	18 mm
Standard nominal flow rate	800 l/min
Pneumatic working port	Flange
Operating voltage	24V DC
Operating pressure	-0.9 bar ... 10 bar
Design	Piston gate valve
Reset method	Mechanical spring
Degree of protection	IP65 IP67
Certification	c CSA us (OL) c UL us - Recognized (OL)
Type code	VUVG
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting
Type of control	Pilot-controlled
Pilot air supply port	External
Flow direction	Reversible
Symbol	00992946
Signal status display	LED
Pilot pressure	2 bar ... 8 bar
Max. switching frequency	3 Hz
Switching time off	25 ms
On switching time	15 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	1600 µs
Max. negative test pulse on 1 signal	3000 µs
Coil characteristics	22 V DC: 1.0 W
Permissible voltage fluctuations	+/- 10 %
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)

Feature	Value
Vibration resistance	Transport application test with severity level 2 as per FN 942017-4 and EN 60068-2-6
Shock resistance	Shock test with severity level 2 as per FN 942017-5 and EN 60068-2-27
Corrosion resistance class (CRC)	2 - Moderate corrosion stress
Temperature of medium	-5 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 60 °C
Product weight	147 g
Electrical connection	Via sub-base
Type of mounting	On terminal strip
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Wrought aluminum alloy