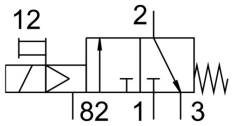
Air solenoid valve
VUVS-L30-M32C-MD-G38-F8-1B2

Part number: 575574





Data sheet

Feature	Value
Valve function	3/2, closed, monostable
Actuation type	Electrical
Valve size	31 mm
Standard nominal flow rate	2300 l/min
Pneumatic working port	G3/8
Operating voltage	24V DC
Operating pressure	2.5 bar ... 10 bar
Structural design	Piston gate valve
Reset method	Mechanical spring
Certification	c UL us - Recognized (OL)
Maritime classification	See certificate
Certificate issuing authority	DNVGL-TAA000011J
Degree of protection	IP65 With plug socket as per IEC 60529
Nominal width	9.4 mm
Type code	VUVS
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	Internal
Flow direction	Non-reversible
Symbol	00991041
Lap	Overlap
b-value	0.3
C value	9.9 l/sbar
Switching time off	58 ms
On switching time	16 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	2000 µs
Max. negative test pulse on 1 signal	3600 µs
Coil characteristics	24 V DC: 3.3 W
Permissible voltage fluctuations	+/- 10 %

Feature	Value
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)
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	-10 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C ... 60 °C
Product weight	405 g
Electrical connection	Form B As per industrial standard (11 mm)
Type of mounting	Optionally: On terminal strip With through-hole
Venting hole connection	Not ducted
Pilot exhaust air port 82	M5
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
Pneumatic connection 3	G3/8
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Die-cast aluminum Painted
Piston slide material	Wrought aluminum alloy
Material of screws	Steel, nickel-plated