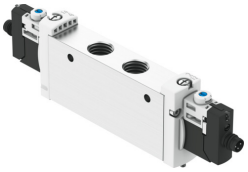
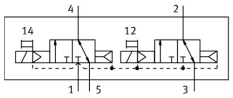
Air solenoid valve
VUVG-L18-T32C-AT-G14-1R8L

Part number: 8031525





General operating condition

Data sheet

Feature	Value
Valve function	2x3/2, closed, monostable
Actuation type	Electrical
Valve size	18 mm
Standard nominal flow rate	880 l/min
Pneumatic working port	G1/4
Operating voltage	24V DC
Operating pressure	0.15 MPa ... 0.8 MPa
Operating pressure	1.5 bar ... 8 bar
Structural design	Piston gate valve
Reset method	Pneumatic spring
Certification	RCM compliance mark c UL us - Recognized (OL)
Degree of protection	IP65 With plug socket
Nominal width	5.7 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting Non-detenting Covered
Type of control	Pilot-controlled
Pilot air supply port	Internal
Symbol	00992904
Lap	Overlap
Pilot pressure MPa	0.15 MPa ... 0.8 MPa
Pilot pressure	1.5 bar ... 8 bar
Switching time off	27 ms
On switching time	13 ms
Duty cycle	100%
Max. positive test pulse with 0 signal	700 µs
Max. negative test pulse on 1 signal	900 µs
Coil characteristics	24 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
Restricted ambient and media temperature	-5 - 50 °C Without holding power reduction
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
LABS (PWIS) conformity	VDMA24364-B1/B2-L
Temperature of medium	-5 °C ... 60 °C
Ambient temperature	-5 °C ... 60 °C
Product weight	164 g
Electrical connection	Via electrical sub-base
Type of mounting	Optionally: On terminal strip With through-hole
Pneumatic connection 1	G1/4
Pneumatic connection 2	G¼
Pneumatic connection 3	G1/4
Pneumatic connection 4	G1/4
Pneumatic connection 5	G1/4
Note on materials	RoHS-compliant
Seals material	HNBR NBR
Housing material	Wrought aluminum alloy

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VABM-B10-25S-G38-4-P3 VABM-L1-14W-G14-4-GR DFM-63-100-P-A-KF DSBC-32-40-D3-PPVA-N3 DSBC-40-160-D3-PPSA-N3 NPQH-D-Q12-Q8-P10 QS-G3/8-12 QSLV-G1/2-12-I QSL-1/4-4 VABM-B10-20S-G14-6 DSBC-40-50-D3-PPSA-N3 DSBC-63-320-D3-PPVA-N3 HGL-1/8-B SPTW-P16R-G14-A-M12 DSBC-32-50-D3-PPVA-N3 NPQH-D-Q14-E-P10 NPQP-D-R38-Q10-FD-P10 QSLV-G1/4-6 VABM-L1-10HW-G18-4-GR DSBC-50-20-D3-PPSA-N3 NPQH-D-S14-Q8-P10 NPQH-T-G38-Q8-P10 QS-G1/8-6-I QSLV-G1/8-8 SEA-3GS-M8-S VABM-L1-18S-G38-10 VABM-B10-25S-G38-6 153034 NPQP-D-R14-Q10-FD-P10 QSL-12