

# Pneumatic valve VL/O-3-1/4-NPT

Part number: 10841

FESTO



 General operating condition

## Data sheet

Feature	Value
Valve function	3/2, open/closed, monostable
Actuation type	Pneumatic
Width	30.5 mm
Normal nominal flow rate (normalized to DIN 1343)	800 l/min
Pneumatic working port	1/4 NPT
Operating pressure	-0.095 MPa ... 1 MPa
Operating pressure	-0.95 bar ... 10 bar
Structural design	Plate seat
Reset method	Mechanical spring
Degree of protection	IP65
Nominal width	7 mm
Width dimension	32 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Type of control	Direct
Pilot air supply port	External
Flow direction	Reversible
Symbol	00991030
Lap	Underlap
Pilot pressure MPa	0.1 MPa ... 1 MPa
Pilot pressure	1 bar ... 10 bar
Switching time off	26 ms
On switching time	7 ms
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)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C ... 60 °C
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	230 g
Type of mounting	On terminal strip With through-hole
Pilot air port 110	1/8 NPT

<b>Feature</b>	<b>Value</b>
Pilot air port 12	1/8 NPT
Pneumatic connection 1	1/4 NPT
Pneumatic connection 11	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Pneumatic connection 33	1/4 NPT
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum