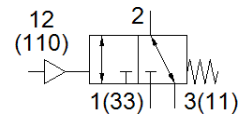
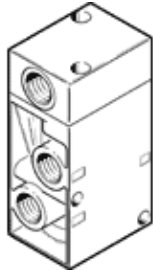


pneumatic valve VL/O-3-1/4-NPT

Part number: 10841

FESTO

Depending on the choice of connection, normally-open or normally-closed function.



Data sheet

Feature	Value
Valve function	3/2 open/closed, monostable
Type of actuation	pneumatic
Width	30.5 mm
Standard nominal flow rate	800 l/min
Operating pressure MPa	-0.095 ... 1 MPa
Operating pressure	-0.95 ... 10 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Protection class	IP65
Nominal size	7 mm
Grid dimension	32 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Type of piloting	direct
Pilot air supply	external
Flow direction	reversible
Overlap	Underlap
Pilot pressure MPa	0.1 ... 1 MPa
Pilot pressure	1 ... 10 bar
Switching time off	26 ms
Switching time on	7 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	1 - Low corrosion stress
PWIS conformity	VDMA24364-B2-L
Storage temperature	-20 ... 60 °C
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Product weight	230 g
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	M5
Pilot air connection: 110	1/8 NPT
Pilot air port 12	1/8 NPT
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, 11	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Pneumatic connection, port 3	1/4 NPT
Pneumatic connection, 33	1/4 NPT
Materials note	Conforms to RoHS
Material seals	NBR
Material housing	Aluminium die cast