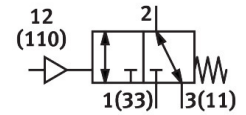


Pneumatic valve VL/O-3-1/4-NPT

Part number: 10841

FESTO



Data sheet

Feature	Value
Valve function	3/2-way, monostable, open/closed
Type of actuation	Pneumatic
Construction width	30.5 mm
Standard nominal flow rate (standardised to DIN 1343)	800 l/min
pneumatic working port	1/4 NPT
Operating pressure	-0.095 MPa...1 MPa -0.95 bar...10 bar
Design	Poppet seat
Type of reset	Mechanical spring
Degree of protection	IP65
Nominal size	7 mm
Grid dimension	32 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Type of piloting	Direct
Pilot air supply	External
Flow direction	Reversible
lap	Underlap
Pilot pressure	0.1 MPa...1 MPa 1 bar...10 bar
Switching time off	26 ms
Switching time on	7 ms
Operating medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (in which case lubricated operation will always be required)
Corrosion resistance class CRC	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C...60 °C
Media temperature	-10 °C...60 °C
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-10 °C...60 °C

Feature	Value
Product weight	230 g
Type of mounting	On manifold rail With through-hole Either:
Breather connection	M5
Pilot air port 110	1/8 NPT
Pilot air port 12	1/8 NPT
Pneumatic connection, port 1	1/4 NPT
Pneumatic connection, port 11	1/4 NPT
Pneumatic connection, port 2	1/4 NPT
Pneumatic connection, port 3	1/4 NPT
Pneumatic port 33	1/4 NPT
Note on materials	RoHS-compliant
Material seals	NBR
Material housing	Die-cast aluminium