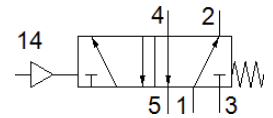
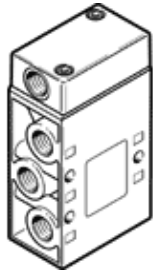


Pneumatic valve VL-5-1/4-NPT

Part number: 10844

FESTO



Data sheet

Feature	Value
Valve function	5/2 monostable
Type of actuation	pneumatic
Valve size	30.5 mm
Width	30.5 mm
Standard nominal flow rate	800 l/min
Working pressure	0 ... 8 bar
Design structure	Poppet seat
Type of reset	mechanical spring
Protection class	IP65
Authorization	c UL us - Recognized (OL)
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	non reversible
Freedom from overlap	No
Pilot pressure	1.2 ... 10 bar
Switching time off	11 ms
Switching time on	7 ms
Max. positive test pulse with logic 0	2,200 µs
Max. negative test pulse with logic 1	3,700 µs
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
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	220 g
Mounting type	Optional on manifold rail with through hole
Pilot air port 14	NPT1/8-27
Pneumatic connection, port 1	NPT1/4-18
Pneumatic connection, port 2	NPT1/4-18
Pneumatic connection, port 3	NPT1/4-18
Pneumatic connection, port 4	NPT1/4-18
Pneumatic connection, port 5	NPT1/4-18
Materials note	Conforms to RoHS
Material seals	NBR TPE-U(PU)
Material housing	Aluminum die cast