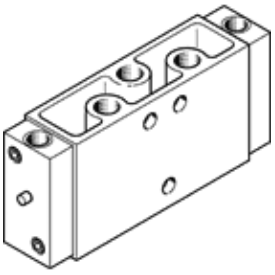
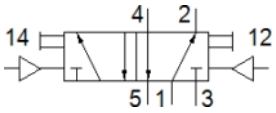
Pneumatic valve
JH-5-1/2

Part number: 10165

FESTO





Data sheet

Feature	values
Valve function	5/2 bistable
Type of actuation	pneumatic
Width	52 mm
Standard nominal flow rate	4,500 l/min
Working pressure	0 ... 10 bar
Design structure	Poppet seat
Protection class	IP65
Nominal size	14 mm
Grid dimension	69 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting
Type of piloting	direct
Pilot air supply	external
Flow direction	non reversible
Freedom from overlap	No
Note on forced dynamisation	Switching frequency at least once a week
Pilot pressure	1.2 ... 10 bar
b value	0.3
Max. switching frequency	12 Hz
Switching time reversal	3 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
Storage temperature	-20 ... 60 °C
Medium temperature	-10 ... 60 °C
Ambient temperature	-10 ... 60 °C
Product weight	1,130 g
Mounting type	Optional on manifold rail with through hole
Auxiliary pilot air port 12	G1/4
Auxiliary pilot air port 14	G1/4
Pilot air port 12	G1/4
Pneumatic connection, port 1	G1/2
Pneumatic connection, port 2	G1/2
Pneumatic connection, port 3	G1/2
Pneumatic connection, port 4	G1/2
Pneumatic connection, port 5	G1/2
Materials note	Conforms to RoHS
Materials information for seals	NBR TPE-U(PU)
Materials information, housing	Aluminum die cast