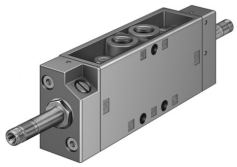
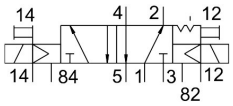
Solenoid valve
JMFH-5-1/8-S

Part number: 14008

FESTO





General operating condition

Data sheet

Feature	Value
Valve function	5/2 bistable
Type of actuation	Pneumatic
Construction width	26 mm
Standard nominal flow rate (standardised to DIN 1343)	600 l/min
pneumatic working port	G1/8
Operating voltage	Via solenoid coil, must be ordered separately
Operating pressure	0 MPa ... 1 MPa
Operating pressure	0 bar ... 10 bar
Design	Poppet seat
Approval	c UL us - Recognized (OL)
Degree of protection	IP65
Nominal size	5 mm
Grid dimension	27 mm
Exhaust-air function	With flow control option
Sealing principle	Soft
Mounting position	optional
Manual override	Detenting
Type of piloting	Pilot actuated
Pilot air supply	External
Flow direction	Non-reversible
Symbol	00995755
lap	Underlap
Pilot pressure	0.12 MPa ... 0.8 MPa
Pilot pressure	1.2 bar ... 8 bar
Max. switching frequency	25 Hz
Switching time reversal	10 ms
Max. positive test pulse with 0 signal	2200 µs
Max. negative test pulse with 1 signal	3700 µs
Characteristic coil data	See solenoid coil, to be ordered separately
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-B1/B2-L
Storage temperature	-20 °C ... 60 °C
Media temperature	-10 °C ... 60 °C

Feature	Value
Pilot medium	Compressed air to ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 40 °C
Product weight	260 g
Electrical connection	Via F coil, to be ordered separately
Type of mounting	On manifold rail With through-hole
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/8
Pneumatic connection, port 2	G1/8
Pneumatic connection, port 3	G1/8
Pneumatic connection, port 4	G1/8
Pneumatic connection, port 5	G1/8
Note on materials	RoHS-compliant
Material seals	NBR TPE-U(PU)
Material housing	Die-cast aluminium