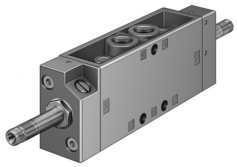
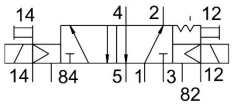
Air solenoid valve
JMFH-5-1/8-S-NPT

Part number: 15613





General operating condition

Data sheet

Feature	Value
Valve function	5/2, bistable
Actuation type	Electrical
Width	26 mm
Normal nominal flow rate (normalized to DIN 1343)	600 l/min
Pneumatic working port	1/8 NPT
Operating voltage	Via solenoid coil, to be ordered separately
Operating pressure	0 MPa ... 1 MPa
Operating pressure	0 bar ... 10 bar
Structural design	Plate seat
Certification	c UL us - Recognized (OL)
Degree of protection	IP65
Nominal width	5 mm
Width dimension	27 mm
Exhaust air function	With flow control option
Sealing principle	Soft
Mounting position	Any
Type of control	Pilot-controlled
Pilot air supply port	External
Flow direction	Non-reversible
Symbol	00995755
Lap	Underlap
Pilot pressure MPa	0.12 MPa ... 0.8 MPa
Pilot pressure	1.2 bar ... 8 bar
Max. switching frequency	25 Hz
Changeover time	10 ms
Max. positive test pulse with 0 signal	2200 µs
Max. negative test pulse on 1 signal	3700 µs
Coil characteristics	See solenoid coil, to be ordered separately
Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Corrosion resistance class (CRC)	1 - Low corrosion stress
LABS (PWIS) conformity	VDMA24364-B2-L
Storage temperature	-20 °C ... 60 °C
Temperature of medium	-10 °C ... 60 °C
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C ... 40 °C

Feature	Value
Product weight	260 g
Electrical connection	Via F coil, to be ordered separately
Type of mounting	On terminal strip With through-hole
Pilot exhaust air port 82	M5
Pilot exhaust air port 84	M5
Pilot air port 12	10-32 UNF-2B
Pilot air port 14	10-32 UNF-2B
Pneumatic connection 1	1/8 NPT
Pneumatic connection 2	1/8 NPT
Pneumatic connection 3	1/8 NPT
Pneumatic connection 4	1/8 NPT
Pneumatic connection 5	1/8 NPT
Note on materials	RoHS-compliant
Seals material	NBR TPE-U(PU)
Housing material	Die-cast aluminum