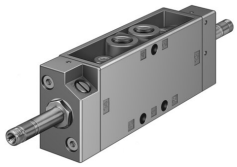
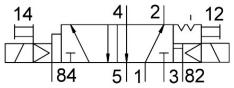
Air solenoid valve
JMFDH-5-1/8

Part number: 8821





Data sheet

Feature	Value
Valve function	5/2-way, dominant, bistable
Actuation type	Electrical
Width	26 mm
Normal nominal flow rate (normalized to DIN 1343)	601 l/min
Pneumatic working port	G1/8
Operating voltage	Via solenoid coil, to be ordered separately
Operating pressure	0.25 MPa...0.8 MPa 2.5 bar...8 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	Adjustable
Sealing principle	Soft
Mounting position	Any
Manual override	Detenting
Type of control	Piloted
Flow direction	Non-reversible
Lap	Negative overlap
Max. switching frequency	16 Hz
Changeover time	16 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-B1/B2-L
Storage temperature	-20 °C...60 °C
Temperature of medium	-10 °C...60 °C
Ambient temperature	-5 °C...40 °C

Feature	Value
Product weight	260 g
Electrical connection	Via F coil, to be ordered separately
Type of mounting	Alternatively: On terminal strip With through-hole
Pilot exhaust air port 82	M5
Pilot exhaust air port 84	M5
Pneumatic connection 1	G1/8
Pneumatic connection 2	G1/8
Pneumatic connection 3	G1/8
Pneumatic connection 4	G1/8
Pneumatic connection 5	G1/8
Note on materials	RoHS compliant
Seals material	NBR TPE-U(PU)
Housing material	Die-cast aluminum