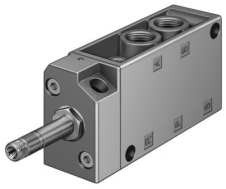
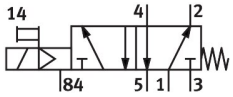
Air solenoid valve
MFH-5-1/4-NPT

Part number: 9976





Data sheet

Feature	Value
Valve function	5/2-way, monostable
Actuation type	Electrical
Width	30.5 mm
Normal nominal flow rate (normalized to DIN 1343)	1000 l/min
Pneumatic working port	1/4 NPT
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
Reset method	Mechanical spring
Certification	c UL us - recognized (OL)
Degree of protection	IP65
Nominal width	7 mm
Width dimension	32 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
b-value	0.19
C value	4.49 l/sbar
Switching time off	29 ms
On switching time	9 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

Feature	Value
Storage temperature	-20 °C...60 °C
Temperature of medium	-10 °C...60 °C
Ambient temperature	-5 °C...40 °C
Product weight	290 g
Electrical connection	Via F coil, to be ordered separately
Type of mounting	Alternatively: On terminal strip With through-hole
Pilot exhaust air port 84	M5
Pneumatic connection 1	1/4 NPT
Pneumatic connection 2	1/4 NPT
Pneumatic connection 3	1/4 NPT
Pneumatic connection 4	1/4 NPT
Pneumatic connection 5	1/4 NPT
Note on materials	RoHS compliant
Seals material	NBR
Housing material	Die-cast aluminum