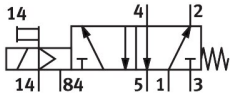
Air solenoid valve
MFH-5-1/8-S-NPT

Part number: 12617





Data sheet

Feature	Value
Valve function	5/2-way, monostable
Actuation type	Electrical
Width	26 mm
Normal nominal flow rate (normalized to DIN 1343)	500 l/min
Pneumatic working port	1/8 NPT
Operating voltage	Via solenoid coil, to be ordered separately
Operating pressure	0 MPa...1 MPa 0 bar...10 bar
Structural design	Plate seat
Reset method	Mechanical spring
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
Type of control	Piloted
Pilot air supply port	External
Flow direction	Non-reversible
Lap	Negative overlap
Pilot pressure MPa	0.12 MPa...0.8 MPa
Pilot pressure	1.2 bar...8 bar
Switching time off	36 ms
On switching time	8 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
Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Ambient temperature	-5 °C...40 °C
Product weight	270 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
Pilot air port 12	1/8 NPT
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