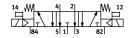
Air solenoid valve MVH-5/3E-3/8-B Part number: 14943

FESTO





General operating condition

Data sheet

Valve function5/3, exhaustedActuation typeElectricalWidth40 mmStandard nominal flow rate2200 l/minPneumatic working portG3/8Operating voltage24V DCOperating pressure0.3 MPa 1 MPaOperating pressure3 bar 10 barStructural designPiston gate valveReset methodMechanical springNominal width12 mmWidth dimension41 mmExhaust air functionWith flow control optionSealing principleSoftMounting positionAnyManual overrideNon-detentingType of controlPilot-controlledPilot air supply portInternalFlow directionNon-reversibleSymbol00991036LapOverlapMax. switching frequency3 HzSwitching time off87 msOn switching time35 ms	
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Max. switching frequency 3 Hz Switching time off 87 ms	
Switching time off 87 ms	
On switching time 35 ms	
Changeover time 75 ms	
Max. positive test pulse with 0 signal	
Max. negative test pulse on 1 signal 3700 μs	
Coil characteristics 24 V DC: 2.5 W	
Permissible voltage fluctuations +/- 10 %	
Operating medium Compressed air as per ISC	O 8573-1:2010 [7:4:4]
Information on operating and pilot media Operation with oil lubricat	tion possible (required for further use)
Corrosion resistance class (CRC) 1 - Low corrosion stress	
LABS (PWIS) conformity VDMA24364-B1/B2-L	
Storage temperature -40 °C 60 °C	
Temperature of medium -5 °C 50 °C	
Ambient temperature -5 °C 50 °C	

Feature	Value
Product weight	1000 g
Type of mounting	Optionally: On PR rail With through-hole
Pilot exhaust air port 82	M5
Pilot exhaust air port 84	M5
Pneumatic connection 1	G3/8
Pneumatic connection 2	G3/8
Pneumatic connection 3	G3/8
Pneumatic connection 4	G3/8
Pneumatic connection 5	G3/8
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum