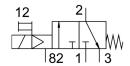
## Air solenoid valve MFH-3-1/8-NPT Part number: 10834







## **Data sheet**

Valve function  Actuation type  Electrical  Width  26 mm  Standard nominal flow rate  Pneumatic working port  Operating voltage  Operating pressure  Operating pressure  Operating pressure  Other in the seat  Reset method  Certification  Degree of protection  Degree of protection  Nominal width  Width dimension  Type code  Exhaust air function  Sealing principle  Mounting position  Type of control  Flow direction  Non-reversible  Symbol  Done of the seat  Reset method  Any  Type of control  Flow direction  Ooswitching time off  On switching time  Max. negative test pulse with 0 signal  Max. negative test pulse with 1 signal  Max. negative test pulse with 1 signal  Soul Jmm  Soul	
Width       26 mm         Standard nominal flow rate       500 l/min         Pneumatic working port       1/8 NPT         Operating voltage       Via solenoid coil, to be ordered separately         Operating pressure       0.15 MPa 0.8 MPa         Operating pressure       1.5 bar 8 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         Type code       MFH         Exhaust air function       With flow control option         Sealing principle       Soft         Mounting position       Any         Type of control       Pilot-controlled         Flow direction       Non-reversible         Symbol       00991041         Lap       Underlap         Switching time off       29 ms         On switching time       9 ms         Max. positive test pulse with 0 signal       3700 μs	
Standard nominal flow rate       500 l/min         Pneumatic working port       1/8 NPT         Operating voltage       Via solenoid coil, to be ordered separately         Operating pressure       0.15 MPa 0.8 MPa         Operating pressure       1.5 bar 8 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         Type code       MFH         Exhaust air function       With flow control option         Sealing principle       Soft         Mounting position       Any         Type of control       Pilot-controlled         Flow direction       Non-reversible         Symbol       00991041         Lap       Underlap         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	
Pneumatic working port  Operating voltage  Operating pressure  Operating pressure  Operating pressure  Operating pressure  Operating pressure  1.5 bar 8 bar  Structural design  Reset method  Certification  Cult us - Recognized (OL)  Degree of protection  IP65  Nominal width  5 mm  Width dimension  7ype code  Exhaust air function  Sealing principle  Soft  Mounting position  Type of control  Flow direction  Non-reversible  Symbol  On switching time off  On switching time  Max. positive test pulse on 1 signal  Any  Type on 1,8 NPT  Via solenoid coil, to be ordered separately  On 15 MPa 0.8 MPA  When  Mechanical spring  Cult us - Recognized (OL)  Plote  MFH  Exhaust air function  With flow control option  Soft  Mounting position  Any  Type of control  Pilot-controlled  Flow direction  Non-reversible  Vanderlap  Underlap  Switching time off  On switching time  9 ms  Max. positive test pulse with 0 signal  Max. negative test pulse on 1 signal	
Operating voltage  Operating pressure  Operating pressure  Operating pressure  1.5 bar 8 bar  Structural design  Reset method  Certification  Degree of protection  Nominal width  Width dimension  Type code  Exhaust air function  Sealing principle  Mounting position  Type of control  Flow direction  Non-reversible  Symbol  Lap  Witching time off  On switching time  Max. positive test pulse with 0 signal  Max. negative test pulse with 0 signal  Ans  1.5 MPa 0.8 MPa  Mechan. 0.8 Mechan.  Mechan. 0.8 MPa  Mechan. 0.8 Mechan.  Mechan. 0.8 Mechan	
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Type of control Pilot-controlled Flow direction Non-reversible Symbol 00991041  Lap Underlap 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	
Flow direction  Non-reversible  Symbol  O0991041  Lap  Underlap  Switching time off  29 ms  On switching time  9 ms  Max. positive test pulse with 0 signal  Max. negative test pulse on 1 signal  3700 µs	
Symbol       00991041         Lap       Underlap         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	
Lap Underlap  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	
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	
On switching time       9 ms         Max. positive test pulse with 0 signal       2200 μs         Max. negative test pulse on 1 signal       3700 μs	
Max. positive test pulse with 0 signal2200 μsMax. negative test pulse on 1 signal3700 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	
Storage temperature -20 °C 60 °C	
Temperature of medium -10 °C 60 °C	
Ambient temperature -5 °C 40 °C	
Product weight 240 g	
Electrical connection Via F coil, to be ordered separately	

Feature	Value
Type of mounting	Optionally: On terminal strip With through-hole
Pilot air port 12	1/8 NPT
Pneumatic connection 1	1/8 NPT
Pneumatic connection 2	1/8 NPT
Pneumatic connection 3	1/8 NPT
Note on materials	RoHS-compliant
Seals material	NBR
Housing material	Die-cast aluminum