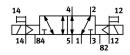
Air solenoid valve JMVH-5-1/8-S-B Part number: 30476

FESTO





General operating condition

Data sheet

Actuation type Electrical Aidth Ai	Feature	Value
Midth 26 mm	Valve function	5/2, bistable
Standard nominal flow rate Preumatic working port G1/8 Operating pressure Operating principle Operating principle Operating principle Operating position Operating position Operating position Operating Opera	Actuation type	Electrical
Operating voltage Deprating pressure Operating pressure MPa Operating pressure MPa Operating pressure Operating medium Operating medium Operation with oil lubrication possible (required for further use) Operation resistance class (CRC) 1 - Low corrosion stress Operation with oil lubrication possible (required for further use) Operation medium Operating medium Operation with oil lubrication possible (required for further use) Operating medium	Width	26 mm
Departing voltage Departing pressure Operating pressure Nominal width Smm Sealing principle Soft Mounting position Any Manual override Non-detenting Pilot-controlled Pilot-controlled Pilot-controlled Pilot-controlled Pilot-controlled Operating width Opera	Standard nominal flow rate	1000 l/min
Operating pressure Operating operat	Pneumatic working port	G1/8
Operating pressure Circutural design Piston gate valve Nominal width 8 mm Sealing principle Soft Mounting position Any Manual override Non-detenting Pilot-controlled Pilot-controlled Pilot-controlled Pilot air supply port External Reversible Overlap Overlap Overlap Overlap Out pressure MPa 2 bar 10 bar Max. switching frequency 3 Hz Changeover time 18 ms Max. negative test pulse with 0 signal Max. negative test pulse on 1 signal Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compression resistance class (CRC) 1 - tow corrosion stress Congrosion resistance class (CRC) Antipolity medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed emperature 40 °C 60 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed emperature 40 °C 60 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Operating voltage	24V DC
Structural design Piston gate valve Nominal width 8 mm Sealing principle Soft Mounting position Any Manual override Non-detenting Pilot-controlled Pilot air supply port External Pilot dir supply port External Pilot direction Reversible Pilot pressure MPa Overlap Pilot pressure MPa O.2 MPa 1 MPa Pilot pressure MPa O.2 MPa 1 MPa Pilot pressure MPa O.2 MPa 10 bar Max. switching frequency 3 Hz Langeover time 18 ms Max. positive test pulse with 0 signal 2200 µs Max. negative test pulse on 1 signal 3700 µs Permissible voltage fluctuations +/- 10 % Deparating 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) Porcession resistance class (CRC) 1 - Low corrosion stress ABAS (PWIS) conformity VDMA24364-B1/B2-L Porcessed air as per ISO 8573-1:2010 [7:4:4] Porcessed air as per ISO 8573-1:2010 [7:4	Operating pressure	-0.09 MPa 1 MPa
Sominal width 8 mm Sealing principle Soft Mounting position Any Manual override Non-detenting Type of control Pilot-controlled Pilot-controlled Pilot controlled Pilot air supply port External Pilot direction Reversible Operation Operation Pilot pressure MPa O.2 MPa 1 MPa Pilot pressure Abar 1 O bar 3 Hz Changeover time 18 ms Max. positive test pulse with 0 signal 2200 µs Max. negative test pulse on 1 signal 3700 µs Permissible voltage fluctuations +/- 10 % Departing 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) Portonsion resistance class (CRC) 1 - Low corrosion stress Politot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature - 40 °C 60 °C Permiscribet medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature - 5° °C 50 °C	Operating pressure	-0.9 bar 10 bar
Sealing principle Mounting position Manual override Mounting position Mound override Mounting position Mound override Mound override Pilot-controlled Pilot-controlled Pilot-controlled Pilot air supply port External Reversible Symbol 00991016 App Overlap Pilot pressure MPa 0.2 MPa 1 MPa Pilot pressure MPa 2 bar 10 bar Max. switching frequency 3 Hz Changeover time 18 ms Max. positive test pulse with 0 signal 2200 µs Max. negative test pulse on 1 signal 2700 µs Permissible voltage fluctuations +/- 10 % Deparating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Operation resistance class (CRC) 1 - Low corrosion stress LABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature 40 °C 60 °C Pilot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C Politot medium Compressed air as per ISO 8573-1:2010 [7:4:4]	Structural design	Piston gate valve
Mounting position Manual override Monual over	Nominal width	8 mm
Manual override Non-detenting Type of control Pilot-controlled External Reversible Symbol Operating Pilot pressure MPa Alax. switching frequency Alax. switching frequency Alax. positive test pulse with 0 signal Alax. negative test pulse on 1 signal Alax. negative test pulse on 1 signal Deterministics Permissible voltage fluctuations Permissible voltage fluctuations Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Corrosion resistance class (CRC) Compressed air as per ISO 8573-1:2010 [7:4:4]	Sealing principle	Soft
Pilot-controlled Pilot air supply port External Pilot describle Symbol Overlap Overlap Pilot pressure MPa Pilot pressure Max. switching frequency Pilot pressure Max. switching frequency Pilot pressure Max. negative test pulse with 0 signal Max. negative test pulse on 1 signal Permissible voltage fluctuations Permissible voltage	Mounting position	Any
External Filot air supply port External Reversible Symbol Operlap Overlap Overlap Pilot pressure MPa Oz. MPa 1 MPa Pilot pressure Ax. switching frequency Thangeover time Nax. positive test pulse with 0 signal Ax. negative test pulse on 1 signal Coil characteristics Permissible voltage fluctuations Permissible voltage fluctua	Manual override	Non-detenting
Reversible Symbol 00991016 Jap 00verlap Old MPa 1 MPa Pilot pressure MPa 0.2 MPa 1 MPa Pilot pressure with 10 bar Max. switching frequency 3 Hz Changeover time 18 ms Max. positive test pulse with 0 signal 2200 µs Max. negative test pulse on 1 signal 3700 µs Permissible voltage fluctuations +/- 10 % Permissible voltage fluctuations +/- 10 % Departing 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 ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature 40 °C 60 °C Temperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4]	Type of control	Pilot-controlled
Symbol00991016LapOverlapPilot pressure MPa0.2 MPa 1 MPaPilot pressure2 bar 10 barMax. switching frequency3 HzChangeover time18 msMax. positive test pulse with 0 signal2200 μsMax. negative test pulse on 1 signal3700 μsCoil characteristics24 V DC: 2.5 WPermissible voltage fluctuations+/- 10 %Operating mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Information on operating and pilot mediaOperation with oil lubrication possible (required for further use)Corrosion resistance class (CRC)1 - Low corrosion stressLABS (PWIS) conformityVDMA24364-B1/B2-LStorage temperature-40 °C 60 °CPemperature of medium-5 °C 50 °CPolot mediumCompressed air as per ISO 8573-1:2010 [7:4:4]Ambient temperature-5 °C 50 °C	Pilot air supply port	External
Overlap Ove	Flow direction	Reversible
Delict pressure MPa Delict pressure Delic	Symbol	00991016
2 bar 10 bar Max. switching frequency 3 Hz Changeover time 18 ms Max. positive test pulse with 0 signal 2200 μs Max. negative test pulse on 1 signal 3700 μs Coil characteristics 24 V DC: 2.5 W Permissible voltage fluctuations 4/- 10 % 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 ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature 40 °C 60 °C Femperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Lap	Overlap
Max. switching frequency Changeover time 18 ms Max. positive test pulse with 0 signal 2200 μs Max. negative test pulse on 1 signal Coil characteristics 24 V DC: 2.5 W Permissible voltage fluctuations Permissible voltage fluctuations 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 ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature 40 °C 60 °C Femperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4]	Pilot pressure MPa	0.2 MPa 1 MPa
Thangeover time 18 ms 2200 μs Max. positive test pulse with 0 signal 2200 μs 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 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 ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -40 °C 60 °C Temperature of medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Pilot pressure	2 bar 10 bar
Max. positive test pulse with 0 signal Max. negative test pulse on 1 signal Coil characteristics 24 V DC: 2.5 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Operation with oil lubrication possible (required for further use) Corrosion resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -40 °C 60 °C Femperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4]	Max. switching frequency	3 Hz
Max. negative test pulse on 1 signal Coil characteristics 24 V DC: 2.5 W Permissible voltage fluctuations +/- 10 % Operating medium Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -40 °C 60 °C Temperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4]	Changeover time	18 ms
Coil characteristics 24 V DC: 2.5 W Permissible voltage fluctuations +/- 10 % Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -40 °C 60 °C Temperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Max. positive test pulse with 0 signal	2200 μs
Permissible voltage fluctuations +/- 10 % 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 -40 °C 60 °C Temperature of medium -5 °C 50 °C Pilot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Max. negative test pulse on 1 signal	3700 μs
Compressed air as per ISO 8573-1:2010 [7:4:4] Information on operating and pilot media Corrosion resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -40 °C 60 °C Temperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Coil characteristics	24 V DC: 2.5 W
Operation with oil lubrication possible (required for further use) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -40 °C 60 °C Temperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Permissible voltage fluctuations	+/- 10 %
Corrosion resistance class (CRC) 1 - Low corrosion stress ABS (PWIS) conformity VDMA24364-B1/B2-L Storage temperature -40 °C 60 °C Femperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Operating medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
ABS (PWIS) conformity VDMA24364-B1/B2-L 5torage temperature -40 °C 60 °C Femperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Information on operating and pilot media	Operation with oil lubrication possible (required for further use)
Storage temperature -40 °C 60 °C Temperature of medium -5 °C 50 °C Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Corrosion resistance class (CRC)	1 - Low corrosion stress
Femperature of medium -5 °C 50 °C Pilot medium Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	LABS (PWIS) conformity	VDMA24364-B1/B2-L
Compressed air as per ISO 8573-1:2010 [7:4:4] Ambient temperature -5 °C 50 °C	Storage temperature	-40 °C 60 °C
Ambient temperature -5 °C 50 °C	Temperature of medium	-5 °C 50 °C
1 2 2	Pilot medium	Compressed air as per ISO 8573-1:2010 [7:4:4]
Product weight 560 g	Ambient temperature	-5 °C 50 °C
	Product weight	560 g

Feature	Value
Type of mounting	Optionally: On PR rail With through-hole
Auxiliary pilot air port 12	G1/8
Auxiliary pilot air port 14	G1/8
Pilot exhaust air port 82	M5
Pilot exhaust air port 84	M5
Pilot air port 12	G1/8
Pilot air port 14	G1/8
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
Housing material	Die-cast aluminum