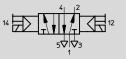
Classic Tiger Series Power Valves 5/2 - 5 Ported 4 Way, 2 Position Valves, Piloted, G 1/8 or 1/8" NPT



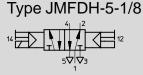
Double Solenoid Valve

With Manual Override and Socket Type JMFH-5-1/8 JMFH-5-1/8-NPT



With External Pilot Supply Type JMFH-5-1/8-S JMFH-5-1/8-S-NPT

Dominating Double Solenoid Valve With Manual Override



NOTE:

This single solenoid valve can be ordered without socket. See order example in table below.

The valve is shifted by alternately energizing the solenoids. When a solenoid is energized, the valve shifts. Only a momentary signal is required (see response time) because the valve will maintain its shifted position until the other solenoid is energized.

If both solenoids are energized, (JMFDH) solenoid 14 will dominate and the valve will shift to the flow position $1 \rightarrow 4$, $2 \rightarrow 3$.

Example: Type JMFH-5-1/8

= Supply

81, 91 (Pz) = Auxiliary Pilot Air

Type PAL-..., see page 451.

Type PRS-..., see page 452.

(A, B) = Outlet

5, 3 (R, S) = Exhaust

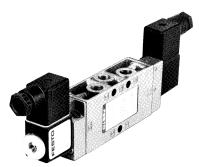
For manifold mounting,

12

4, 2

1

(P)



Valve shown with solenoid and socket accessories.

Accessories:

(Order Separately)

Solenoid F-coils with socket, see page 455 without socket, see page 456

Standard Sockets, Type MSSD-F see page 459 Sockets with cable, Type KMF-... see page 460

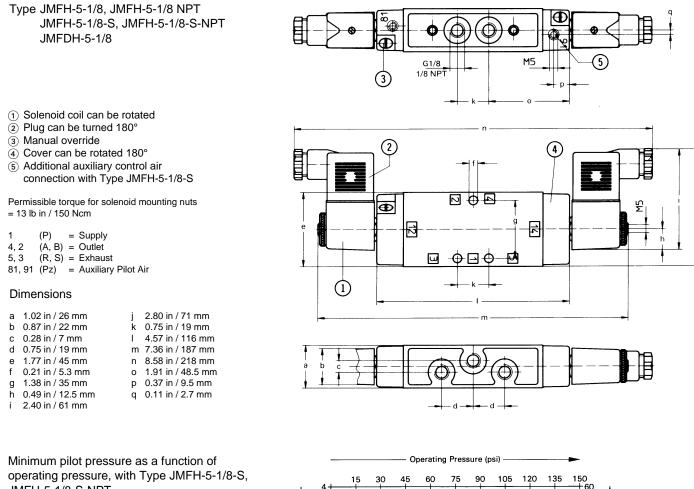
LED Gaskets, Type MF-LD-... see pages 462-463 Indicator Inserts, Type MFL...-... see page 464 Solenoid Inserts, Type MFZ-... see page 465

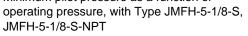
	8820	14008	8821 JMEDH-5-1/8	
			JIVIEDE-2-1/8	
			-	
	Poppet valve, piloted			
	Compressed air (filtered, lubricated or unlubricated)			
	Through-holes in housing			
	G 1/8 ISO / 1/8 NPT		G 1/8 ISO / 1/8 NPT, 81, 91: M5	
	0.20 in / 5 mm			
	0.6 C _V / 600 l/min			
	22.5 to 120 psi / 1.5 to 8 bar	0 to 120 psi / 0 to 8 bar	37.5 to 120 psi / 2.5 to 8 bar	
	— 17 to 120 psi / 1.2 to 8 bar			
6 bar	10 ms 10 ms, dominating function 24 ms		10 ms, dominating function 24 ms	
Medium Temperature Range*		14 to 140°F / -10 to +60°C		
	Housing: Diecast Al, anodized. Seals: Buna N			
	0.937 lb / 0.425 kg			
Standard Voltage	12, 24V)		
Available Voltage	12 to 230V			
Alternating Current Standard Voltage Available Voltage Voltage	24, 42, 110, 230V / 50 to 60 Hz			
	12 to 240V / 50 or 60 Hz			
	DC: 4.5 W; AC: Holding 6 VA, In rush 7.5 VA			
	100%			
	IP 65 (DIN 40050)			
	Standard Voltage Available Voltage Standard Voltage	JMFH-5-1/8 10875 JMFH-5-1/8-NPT Poppet valve, piloted Compressed air (filtered, lub) Through-holes in housing G 1/8 ISO / 1/8 NPT 0.20 in / 5 mm 0.6 C _V / 600 l/min 22.5 to 120 psi / 1.5 to 8 bar — 6 bar 10 ms ge* 14 to 140°F / -10 to +60°C Housing: Diecast Al, anodize 0.937 lb / 0.425 kg Standard Voltage 12 to 230V Standard Voltage 12 to 240V / 50 or 60 Hz DC: 4.5 W; AC: Holding 6 VA 100%	JMFH-5-1/8 JMFH-5-1/8-S 10875 15613 JMFH-5-1/8-NPT JMFH-5-1/8-S-NPT Poppet valve, piloted Compressed air (filtered, lubricated or unlubricated) Through-holes in housing G 1/8 ISO / 1/8 NPT 0.20 in / 5 mm 0.6 C _V / 600 l/min 22.5 to 120 psi / 1.5 to 8 bar 0 to 120 psi / 0 to 8 bar 17 to 120 psi / 1.2 to 8 bar 6 bar 10 ms ge* 14 to 140°F / -10 to +60°C Housing: Diecast Al, anodized. Seals: Buna N 0.937 lb / 0.425 kg Standard Voltage Available Voltage 12 to 230V 24, 42, 110, 230V / 50 to 60 Hz Available Voltage Housing: Diccast Al, anotized. Voltage 0.20 V / 50 or 60 Hz Cor solenoid coil Available Voltage 12 to 240V / 50 or 60 Hz DC: 4.5 W; AC: Holding 6 VA, In rush 7.5 VA 100%	

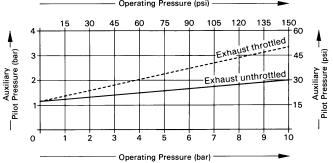
* 23 to 104°F / -5 to +40°C ambient temperature range

Classic Tiger Series Power Valves

Dimensions







Wear Parts Kit	
For Type	JMFH-5-1/8, JMFH-5-1/8-S
Order Number	104891

Product Range and Company Overview

A Complete Suite of Automation Services

Our experienced engineers provide complete support at every stage of your development process, including: conceptualization, analysis, engineering, design, assembly, documentation, validation, and production.



Custom Automation Components Complete custom engineered solutions



Custom Control Cabinets Comprehensive engineering support and on-site services



Complete Systems Shipment, stocking and storage services

The Broadest Range of Automation Components

With a comprehensive line of more than 30,000 automation components, Festo is capable of solving the most complex automation requirements.



Electromechanical Electromechanical actuators, motors, controllers & drives



Pneumatics Pneumatic linear and rotary actuators, valves, and air supply



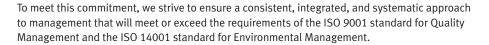
PLCs and I/O Devices PLC's, operator interfaces, sensors and I/O devices

Supporting Advanced Automation... As No One Else Can!

Festo is a leading global manufacturer of pneumatic and electromechanical systems, components and controls for industrial automation, with more than 12,000 employees in 56 national headquarters serving more than 180 countries. For more than 80 years, Festo has continuously elevated the state of manufacturing with innovations and optimized motion control solutions that deliver higher performing, more profitable automated manufacturing and processing equipment. Our dedication to the advancement of automation extends beyond technology to the education and development of current and future automation and robotics designers with simulation tools, teaching programs, and on-site services.

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