

Solenoid Coil (F-Coil)

With Standard Socket

DC:
Type MSFG-...

AC:
Type MSFW-...

with Socket per DIN 43650 Design A

DC:
Type MSFG-...-DS

AC:
Type MSFW-...-DS

These solenoids can be mounted on the following solenoid-actuated valves:

Type MFH, MOFH, JMFH
Type CM-...-FH
CJM-...-FH

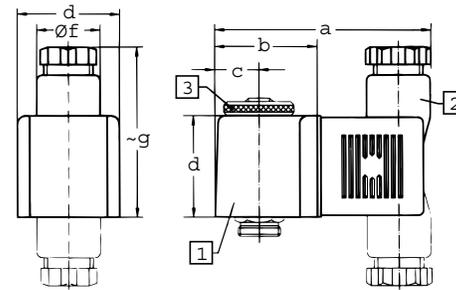
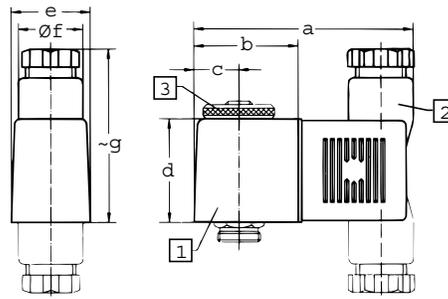
These valve actuator solenoids are characterized by their low power requirement and minimal heating.

AC Coils are suitable for both 50/60 Hz frequencies.

These solenoids comply with VDE Specification 0580, insulation Class F.

Solenoids may be changed without disturbing the pneumatic circuit.

Test certification: VDE



- 1 Solenoid can be rotated on plunger tube
- 2 Solenoid can be turned 180°
- 3 Torque for mounting nuts:
8.85 to 13.28 in-lb/100 to 150 Ncm

Dimensions

a 2.40 in / 61 mm	e 2.40 in / 22 mm
b 1.16 in / 29.5 mm	f 0.71 in / 18 mm
c 0.49 in / 12.5 mm	g 1.89 in / 48 mm
d 1.14 in / 29 mm	

Order Number					
Direct Current			Alternating Current		
Part No.	Type	Voltage	Part No.	Type	Voltage
4526	MSFG-12	12V	4534	50/60 Hz MSFW-24-50/60	24V
4527	MSFG-24/42-50/60	24V	4527	MSFG-24/42-50/60	42V
13264	MSFG-24/42-50/60-DS	24V	6720	MSFW-110-50/60	110V
			4540	MSFW-230-50/60	230V
			13264	MSFG-24/42-50/60-DS	42V
			13265	MSFW-110-50/60-DS	110/120V
			13266	MSFW-230-50/60-DS	220/230V

Order Number (see table above)	Part No./Type	Type MSFG + Voltage	Type MSFW + Voltage
Design		DC solenoid	AC solenoid
Voltage	Standard	12, 24V	24, 42, 110, 230V/50 to 60 Hz
	Available	12 to 230V	12 to 240V/50 to 60 Hz
Permissible Voltage Variation		± 10%	± 10% at nominal frequency
Permissible Frequency Variation		–	± 5% at nominal frequency
Power Consumption For Standard Voltages (Other Voltages On Request)		4.1 W at 12V	Inrush: 7.5 VA
		4.5 W at 24V	Holding: 6 VA
Duty Cycle		100%	
Type Of Protection (DIN 4005)		IP 65	
Electrical Connection		MSFG and MSFW fits standard F-Coil, MSFG-DS and MSFW-DS conforms to DIN 43650	
Ambient Temperature		23 to 104° F / -5 to 40° C	
Medium Temperature		14 to 140° F / -10 to 60° C	
Minimum Energizing Time		10 ms	
Power Factor cos Ø		–	0.7
Weight		0.176 lb / 0.080 kg	0.154 lb / 0.070 kg