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Find the *Festo MSG-24* at our website: ***Click HERE***

Solenoid coil, explosion-proof

with connection cable, 1 m long
DC:
Type MSG-...-Ex

with connection cable, 5 m long
Type MSG-24-Ex-K5

with connection cable, 1 m long
AC:
Type MSW-...-Ex

These solenoid coils can be fitted to the following solenoid valves:
Type MC, MOC, JMC, MLC,
Type CM-...-C or CH,
CJM-...-C or CH.
Solenoid actuator Type MKC-030-3 is also fitted with this coil.

The solenoid coils must not be manifold mounted. There must be a minimum clearance of 50 mm between the coils.

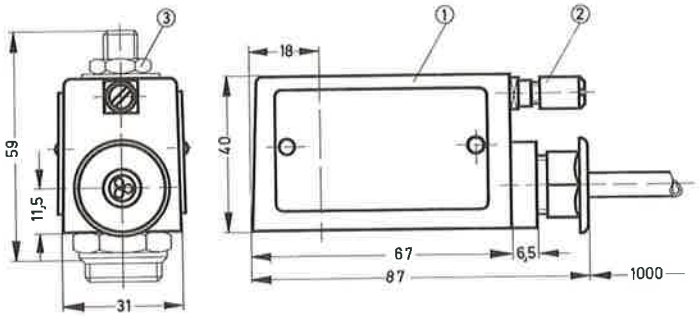
The solenoid coils correspond to VDE Specification 0580, with insulation class F, and DIN EN. They can be replaced without interfering with the pneumatic circuit.

Test certificate: VDE
PTB No. Ex-79/2108X

Note: When using these explosion-proof solenoid coils, check the permissible operating pressure.

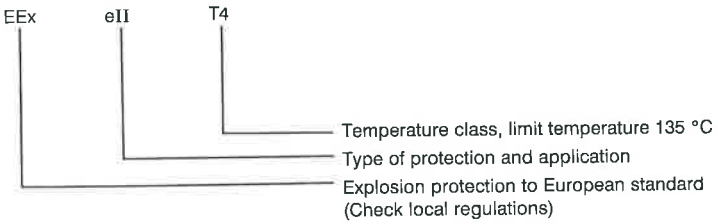
For use only with aluminium valve with body dimensions ≧50 × 32 × 25 mm.





① Solenoid coil can be rotated on armature tube
② Terminal for protective conductor
③ Maximum tightening torque for the securing nut, 3.00 Nm

Degree of protection to EN 50014/VDE 0170/0171 Part 1/5.78
EN 50019/VDE 0170/0171 Part 6/5.78



Order code							
DC				AC 50 Hz			
Part No.	Type	Voltage		Part No.	Type	Voltage	
5849	MSG-	12	-Ex	206 153	MSW-	24	-Ex
205 429	MSG-	24	-Ex	6074	MSW-	110	-Ex
30 974	MSG-	24	-Ex-K5	205 430	MSW-	220	-Ex
6070	MSG-	60	-Ex				
6071	MSG-	110	-Ex				

Order code (see table)		Type MSG + voltage + Ex	Type MSW + voltage + Ex
Design		DC solenoid coil	AC solenoid coil
Voltages	Standard	24 V	24, 110, 220 V/50 Hz to 60 Hz
	Special	On request up to 220 V	On request up to 220 V/50 Hz
Permissible voltage fluctuations		±10%	±10% at nominal frequency
Permissible frequency fluctuations		–	±5% at nominal voltage
Power consumption		12.7 W	15.5 VA
Duty cycle		100%	
Degree of protection to DIN 40500		IP 65	
Connection		Cast in cable, 3 × 0.75, 1 or 5 m long as standard (other lengths on request)	
Ambient temperature		−5 to +40 °C	
Medium temperature		−5 to +40 °C	
Min. operating time		20 ms	
Power factor cos φ			
Weight		0.290 kg	

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