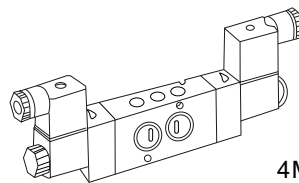


4M310系列



4M320系列



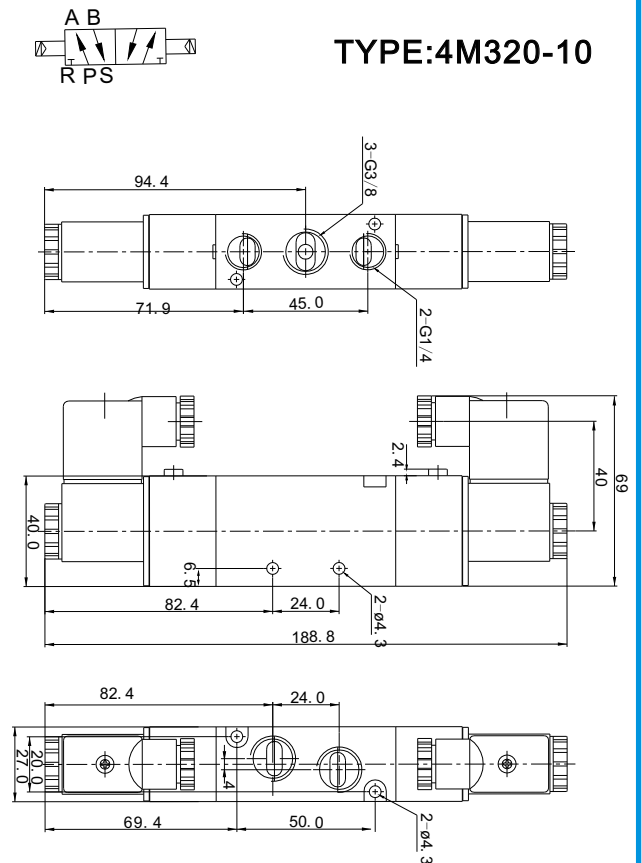
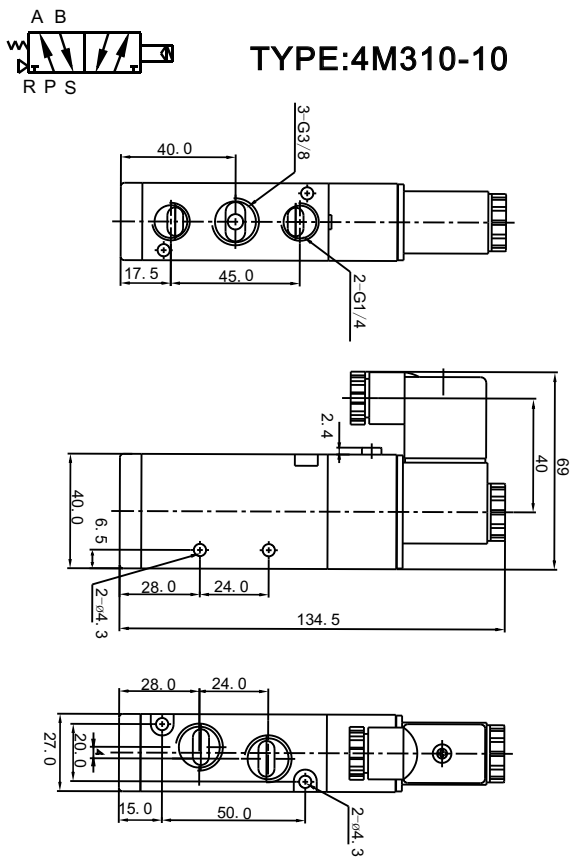
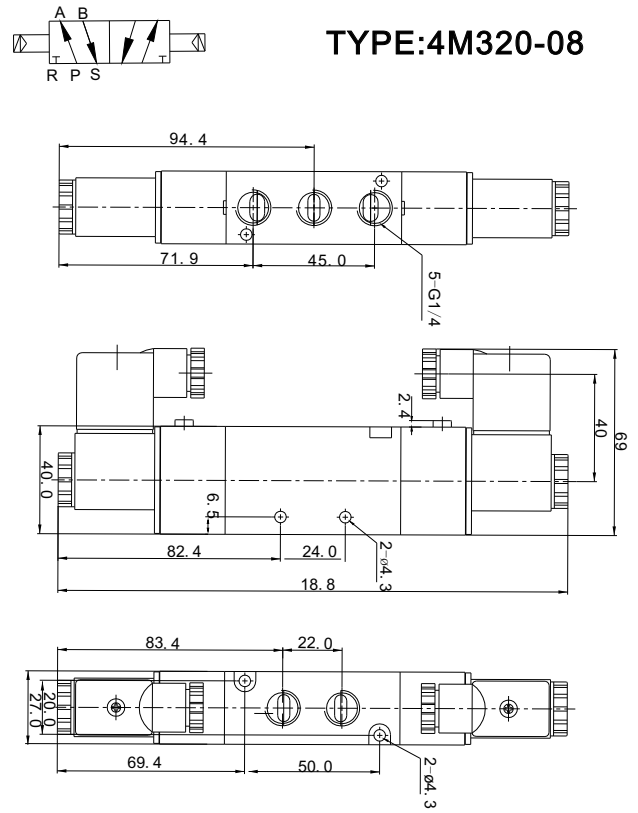
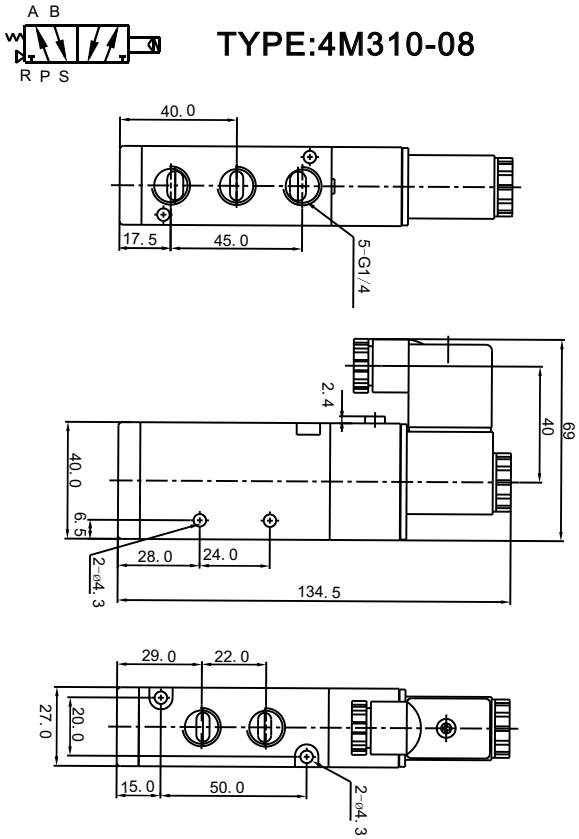
材质	阀体：铝合金 密封：NBR	
有效截面积	25mm ² (CV=1.4)	30mm ² (CV=1.68)
接管口径	进气=出气=排气=G1/4"	进气=出气=G3/8" 排气=G1/4"
工作介质	经40微米过滤的空气	
动作方式	内部先导式	
使用压力	0.15-0.8Mpa	
最大耐压力	1.2Mpa	
工作温度	5-50°C	
电压范围	±10%	
耗电量	AC: 5.5VA DC: 4.8W	
绝缘性及防护等级	F级别 IP65	
接线形式	出线式或端子式	
最高动作频率	每秒五次	
最短磁时间	0.05秒	

选型表

4M	3	10	-	08	B	-	AC220V	-	EX
规格代码	系列代码 300系列	线圈及位数 10:单头双位置 20:双头双位置		接管口径 08:1/4" 10:3/8"	接管形式及初始状态 空白:管接式 B:二位五通板接式		标准电压 DC24V AC110V 50HZ/60HZ AC220V 50HZ/60HZ AC380V 50HZ/60HZ		空白:普通 EX:防爆

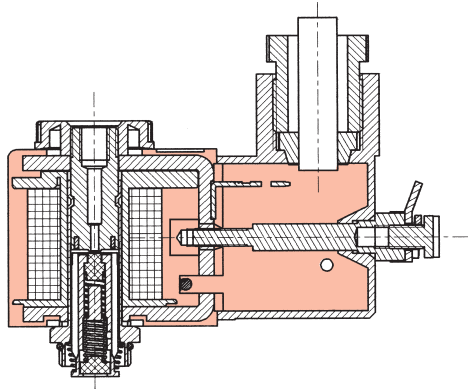
注：如需其它电压请详询。

外形尺寸



3009M Ex m

94/9/CE ATEX



AMISCO has completed the EVI7 S9 solenoid system with a special coil for pneumatic applications in potentially explosive ambient (group II), that fullfills the requirements of EN 60079-0, EN 60079-18, EN 61241-0, EN 61241-18, for protection mode "m".

The type **3009M Ex m** coil is supplied with 1.2m cable connection, other lenghts (from 1.5m to 10m) are available on request.

The coil is certified by CESI in thermal class T5 (with coil surface temperature max 100°C) or T4 (with coil surface temperature max 135°C).

Ec-Type Examination Certificate number: CESI 02 ATEX 142 X and extension N° 02/07. Notification number: CESI 03 ATEX 075 Q.

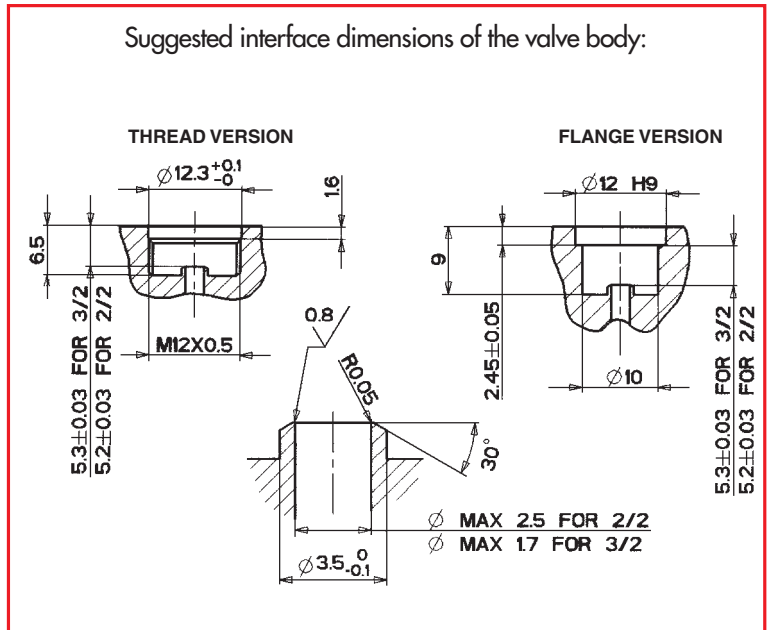
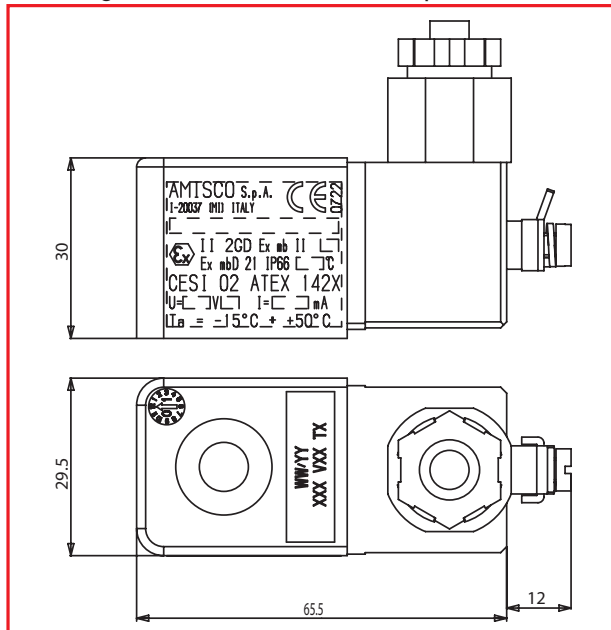
The protection is assured by a thermal fuse that, in case of damage, disconnects the coil from power.

The product is developed to be used in ambients with temperature range from -15°C to +50°C, and it has a power consumption of 3.8W for type T4 and 3W for type T5.

The coil fits all Amisco standard operators 3/2 or 2/2 way NC or NO, threaded or flange types.

All main voltages are available.

For other technical specifications see below and backwards.





- II** Specific marking of explosion protection
- II** Group II - Electrical apparatus for places with a potentially explosive atmosphere, other than mines susceptible to fire damp.
- 2** Category 2 - see the board below.
- G** Explosive gas atmospheres.
- D** Explosive atmospheres in the presence of combustible dusts.
- Ex** The symbol Ex which indicates that the electrical apparatus corresponds to one of the protection type (EN 60079 - 0).
- mb** Type of protection for gas - encapsulation m, level mb.
- mbD** Type of protection for dust (D) - encapsulation m, level mbD.
- T5 or T4** Temperature class for gas.
- T95 or T130** Maximum surface temperature for dust.
- IP66** The degrees of protection provided by an enclosure against, ingress of solid foreign objects, dust (first number) and water (second number).

Zone	Category	Description
1	2G	Equipment in this category is intended for use in areas in witch explosive atmospheres caused by air/gas mixture are likely to occur.
21	2D	Equipment in this category is intended for use in areas in witch explosive atmospheres caused by air/dust mixture are likely to occur.

SOLENOID SYSTEMS Ex m

for 2/2 and 3/2 way normally closed and normally open valves

Characteristics

Code			DC		AC	AC
					50 Hz	60 Hz
 3009M...W.	Rated power DC	W	3			
	Inrush power AC	VA			4.8	4
	Rated power AC	VA			3.2	2.7
	Coil temperature rise	°C	35		15	10
	Copper temperature rise	°C	40		30	25
 3009M...W.	Rated power DC	W		3.8		
	Inrush power AC	VA				
	Rated power AC	VA				
	Coil temperature rise	°C		50		
	Copper temperature rise	°C		55		
3/2 way NC	Inlet orifice Ø	mm	1.3	1.5	1.5	1.5
	Exhaust orifice Ø	mm	1.4	1.4	1.4	1.4
	Working pressure	bar	0-10	0-10	0-10	0-10
2/2 way NC	Inlet orifice Ø	mm	1.3	1.5	1.5	1.5
	Working pressure	bar	0-10	0-10	0-10	0-10
3/2 way NO	Inlet orifice Ø	mm	1.4	1.4	1.4	1.4
	Working pressure	bar	0-7	0-10	0-10	0-10

Notes:
 Temperature range: -15°C ÷ +50°C
 Duty cycle: 100%
 Voltage tolerance: ±10%

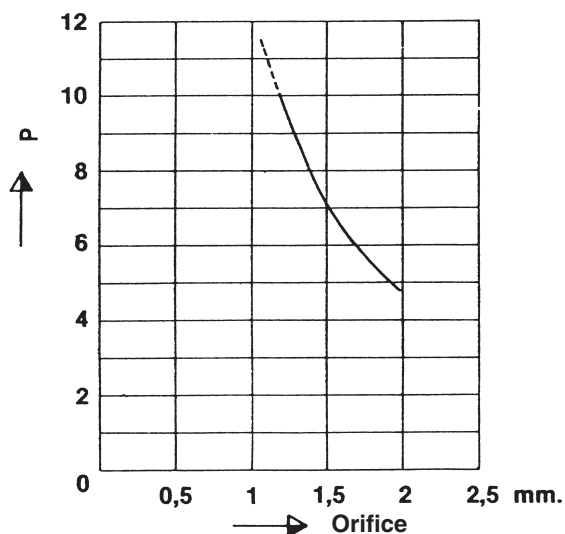
Standard voltages: 12 to 240 VAC - 50/60 Hz
 6 to 48 VDC

For different orifice sizes and pressures contact AMISCO

PERFORMANCES

3 W Coil - DC

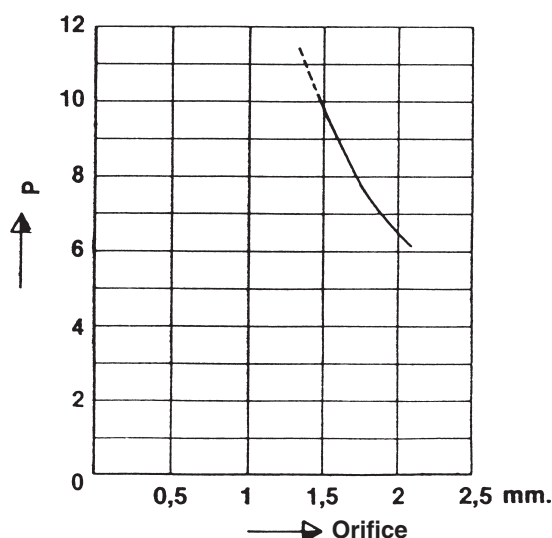
bar



3,2 VA Coil - AC

3,8 W Coil - DC

bar



Above-mentioned characteristics have to be intended only as indicative. They may change according to the tube design solutions