

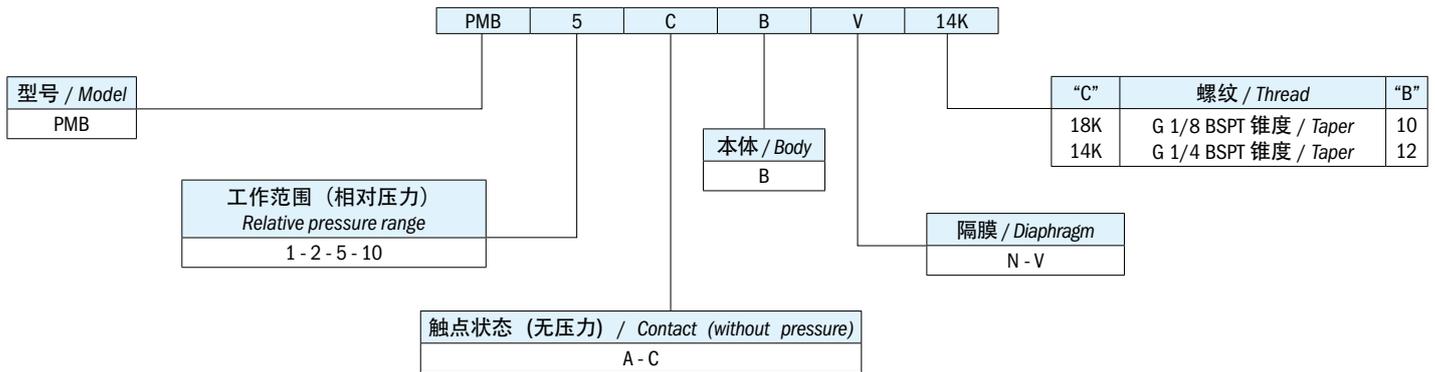
切换容量	0.5 (0.2) A / 48 Vac/Vdc	Switch rating	0.5 (0.2) A / 48Vac/Vdc
最大静压	20 bar	Max. static pressure	20 bar
爆破压力	60 bar	Burst pressure	60 bar
温度范围	-5°C...+90°C (根据膜片材料)	Temperature range	-5°C to +90°C (according to diaphragm material)
防护端子	IP 00, 见第8页	Protection (terminals)	IP 00 see page 8
带CAP1防护等级	IP 54	Protection with CAP. 1	IP 54
25°C 时最大循环速率	120/1'	Max. cycle rate at 25°C	120/1'
紧固扭矩	30 Nm	Tightening torque	30 Nm
机械寿命	10 <sup>6</sup> 循环	Mechanical life	10 <sup>6</sup> operations
本体材料	黄铜	Body material	Brass
触点	镀银	Contacts	Silver plated
开关外壳	尼龙66	Switch housing	PA 66

### 保护帽 / PROTECTION CAPS

防护等级 IP 54 / IP 54 PROTECTION



### 如何订购 / HOW TO ORDER



### 订购信息 / ORDERING INFORMATION

PMB...	Basic系列压力控制器	
工作范围 (相对压力)	1	(0.1 - 1 bar)
	2	(0.2 - 2 bar)
	5	(1 - 5 bar)
	10	(2 - 10 bar)
触点状态	A	常开触点
	C	常闭触点
本体材料 Ch 24 (见一般规格)	B	黄铜
可用隔膜	N	NBR (-5°C...+60°C)
	V	FKM (-5°C...+90°C)
可用螺纹	18K	G 1/8 BSPT 锥度
	14K	G 1/4 BSPT 锥度

PMB...	Basic series pressure switches	
Relative pressure range	1	(0.1 - 1 bar)
	2	(0.2 - 2 bar)
	5	(1 - 5 bar)
	10	(2 - 10 bar)
Contact type	A	NO normally open
	C	NC normally closed
24 AF body material (see general specifications)	B	Brass
Available diaphragm	N	NBR (-5°C to +60°C)
	V	FKM (-5°C to +90°C)
Available threads	18K	G 1/8 BSPT taper
	14K	G 1/4 BSPT taper

### 一般规格 / GENERAL SPECIFICATIONS

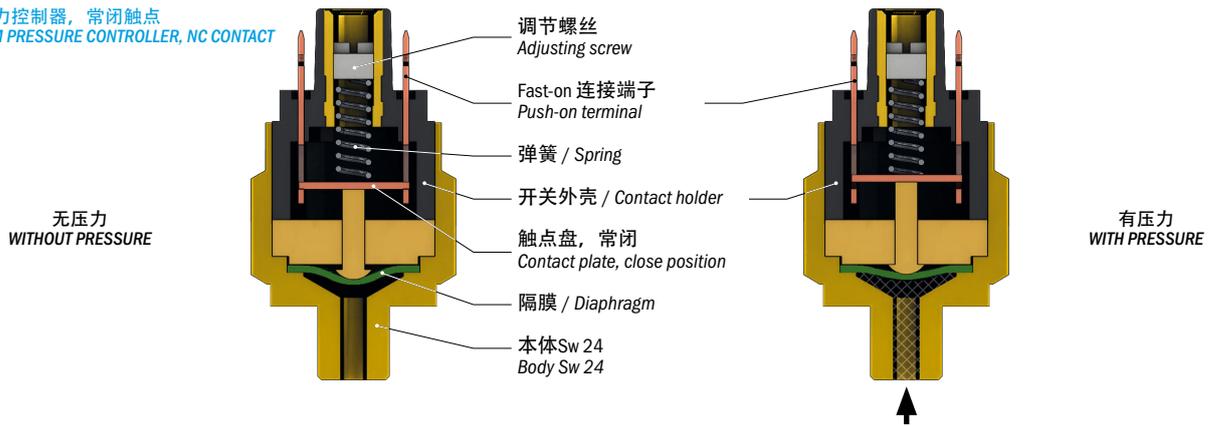
型号 MODEL	调整范围 ADJUSTMENT RANGE bar	尺寸 DIMENSION "A" mm	最大静压 MAX. STATIC PRESSURE bar	25°C时最大固定磁滞 MAX. FIXED HYSTERESIS AT 25°C bar	25°C时公差 TOLERANCE AT 25°C bar	配置 EXECUTION
PMB1	0.1 - 1	37	20	0.1	±0.1	膜片 Diaphragm
PMB2	0.2 - 2	37	20	0.15	±0.2	
PMB5	1 - 5	37	20	0.2	±0.3	
PMB10	2 - 10	37	20	0.2	±0.3	

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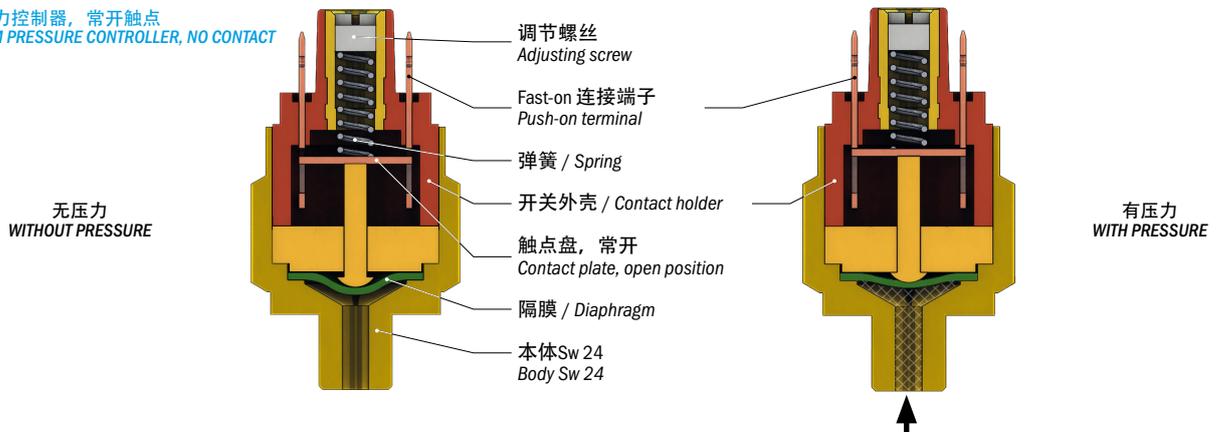
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# 常规技术参数 GENERAL TECHNICAL DATA

隔膜式压力控制器，常闭触点  
DIAPHRAGM PRESSURE CONTROLLER, NC CONTACT



隔膜式压力控制器，常开触点  
DIAPHRAGM PRESSURE CONTROLLER, NO CONTACT



## 建议紧固力矩 / RECOMMENDED TIGHTENING TORQUES

黄铜 / Brass		镀锌钢 Zinc plated steel		316不锈钢 / S.s. 316	
螺纹 Thread	建议紧固力矩* Recommended tightening torque Nm	螺纹 Thread	建议紧固力矩* Recommended tightening torque Nm	螺纹 Thread	建议紧固力矩* Recommended tightening torque Nm
R18	17	R18	22	R18	24
18K	17	18K	22	18K	24
18NPT	17	18NPT	22	18NPT	24
5/8UNF	30	5/8UNF	40	5/8UNF	45
R12	40	R12	55	R12	60
R14	25	R14	35	R14	40
14K	25	14K	35	14K	40
14NPT	25	14NPT	35	14NPT	40
M10	18	M10	25	M10	30
M12	23	M12	32	M12	35
10K	18	10K	25	10K	30
34K	50	34K	70	34K	80

## 电气触点分类 / ELECTRICAL CONTACTS APPLIED

触点材料 / Contacts			DIN-EN-60947-5-1 标准 Standard DIN-EN-60947-5-1	IEC60617电气符号 Symbol IEC 60617
NO	NO 常开 NO normally open	单刀单掷 SPST	X	
NC	NC 常闭 NC normally closed	单刀单掷 SPST	Y	
SC	SC 可切换 CO change over (snap action)	单刀双掷 SPDT	C	

\* 不适当的扭矩可能会影响开关的机械寿命。相关法规以多种方式表达。通过改变用于制造开关本体的材料类型，也将改变紧固扭矩。

\* Improper torque may affect the mechanical life of the switch. The relevant legislation has been expressed in various ways. By varying the type of material used to make the switch body, will also vary the tightening torque.

# 压力控制器 / PRESSURE CONTROLLERS

## 电气保护 ELECTRIC PROTECTIONS

		PMN	PMM	PM250	PMB	MS	PS	PSM PSP	PMC PMC...D	PPC PPCF	PPC...D PPCF...D	PML	PPL	PSK	MPS	PHP	PHC
<b>页 / Page</b>		9	11	13	15	17	17	19...26	27	29	29	31	31	33	35	37	39
<b>电气保护IP54</b> <i>IP 54 electric protection</i>	保护帽1 CAP. 1 	●	●	●	●											●	
	保护帽10 CAP. 10 	●	●													●	
	保护帽12 CAP. 12 							●									
	保护帽16 CAP. 16 					●	●								●		
	保护帽30 CAP. 30 																●
	保护帽31 CAP. 31 																●
<b>电气保护IP65</b> <i>IP 65 electric protection</i>	保护帽3 CAP. 3 	●	●	●												●	
	保护帽13 CAP. 13 					●	●										
	DIN 43650 A连接器 <i>DIN 43650 A connector</i> 							●	●	●	●	●	●	●	●		
<b>电气保护IP67</b> <i>IP 67 electric protection</i>	保护帽14+飞线+连接器 CAP. 14 + flying leads + connector 	●		●		●	●									●	
	M12连接器 / M12 connector 					●	●	●	●	●	●	●	●	●	●		
	Deutsch接头 														●		

## 电气数据 ELECTRIC DATA

		PMN	PMM	PM250	PMB	MS	PS	PSM PSP	PMC PMC...D	PPC PPCF	PPC...D PPCF...D	PML	PPL	PSK	MPS	PHP	PHC
<b>电源 / Power supply</b>	12 Vac/dc	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	24 Vac/dc	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	48 Vac/dc	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
	110 Vac/dc			●		●	●	●	●	●	●	●	●	●	●	●	●
	220 Vac/dc			●		●	●	●	●	●	●	●	●	●	●	●	●
	250 Vac/dc			●		●	●	●	●	●	●	●	●	●	●	●	●
<b>最大电流 / Max. current</b>	<30 mA	●	●	●		●	●	●	●	●	●	●	●	●	●		
	0.5 A	●	●	●	●											●	
	3 A								●	●	●	●	●	●			
	4 A																●
	6 A					●	●	●									
	7 A														●		
	8 A																●
	10 A								●	●	●	●	●	●	●		
15 A																●	
<b>镀银触点 / Silver plated contacts</b>		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>镀金触点 / Gold plated contacts</b>		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>固定复位差 / Fixed hysteresis</b>		●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
<b>可调复位差 / Adjustable hysteresis</b>								●									
<b>本体 Ch 24 / Body 24 AF</b>		●	●	●	●	●	●					●	●		●	●	
<b>本体 Ch 27 / Body 27 AF</b>								●									

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