

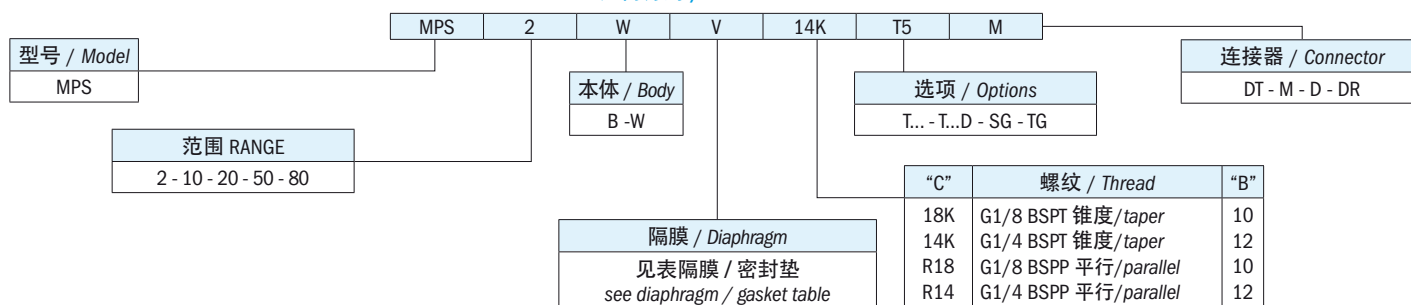
最大电压	250 Vca	Max. voltage	250 Vac
工作电压	230 Vca / 28 Vcc	Working voltage	230 Vac / 28 Vdc
电流	7 A 28 Vcc / 7 A (4 A ind.) 250 Vca	Switching currents	7 A 28 Vdc / 7 A (4 A ind.) 250 Vac
触点状态	SPDT	Electric contact	SPDT
温度条件	-40°C...+120°C	Environment temperature	-40°C...+120°C
流体温度	见表隔膜	Fluid temperature	see gasket table
最高防护等级	IP 67	Maximum protection grade	IP 67
可用电气连接	Fast-on / DIN 43650 / M12 / Deutsch	Electrical connector	Fast-on / DIN 43650 / M12/ Deutsch
机械寿命	1.000.000 时一百万周期 25°C	Mechanical life	1.000.000 cycle at 25°C
建议拧紧力矩	min. 3 Kgm ÷ max. 5 Kgm vedi pagina 3	Recommended tightening torque	min. 3 Kgm ÷ max. 5 Kgm see page 3
认证	CE; UL (进行中)	Approval	CE; UL (in progress)

可用电气连接 / AVAILABLE ELECTRICAL CONNECTIONS

防护等级 IP 67 / IP 67 PROTECTION



如何订购 / HOW TO ORDER



订购信息 / ORDERING INFORMATION

MPS	模块化可调式压力控制器	
本体材料 Ch 24	B	黄铜
	W	316 不锈钢配置本体
可用隔膜 / 密封垫	NT	HNBR (-25°C.... +140°C)
	Z	ZNBR (-40°C.... + 60°C)
	V	FKM (-5°C.... + 90°C)
	S	硅胶 (-30°C.... +120°C)
	E	EPDM (-20°C.... +110°C)
标准螺纹	18K	G 1/8 锥度
	14K	G 1/4 锥度
	R14	G 1/4 平行
	R18	G 1/8 平行
	根据要求可以提供其他螺纹	
选项	T5	调节向上设定点到 5 bar
	T5D	调节向下设定点到 5 bar
	SG	脱脂应用于氧气
	TG	气体应用测试
可用电气连接	DT	Deutsch DT04-2P
	M	M12 - 4 极
	D	DIN 43650 方型
	DR	DIN 43650 圆形

MPS	Modular adjustable pressure controller	
24 AF Body Material	B	Brass
	W	S.S. 316
Available diaphragm/ Gasket	NT	HNBR (-25°C.... +140°C)
	Z	ZNBR (-40°C.... + 60°C)
	V	FKM (-5°C.... + 90°C)
	S	Silicone (-30°C.... +120°C)
	E	EPDM (-20°C.... +110°C)
Standard Threads	18K	G 1/8 taper
	14K	G 1/4 taper
	R14	G 1/4 parallel
	R18	G 1/8 parallel
	Other threads available on request	
Options	T5	Set up rising to 5 bar
	T5D	Set up falling to 5 bar
	SG	Degreased for application with oxygen
Available connections	TG	Tested for applications with gas
	DT	Deutsch DT04-2P
	M	M12 - 4 pins
	D	DIN 43650 squared
DR	DIN 43650 rounded	

一般规格 / GENERAL SPECIFICATIONS

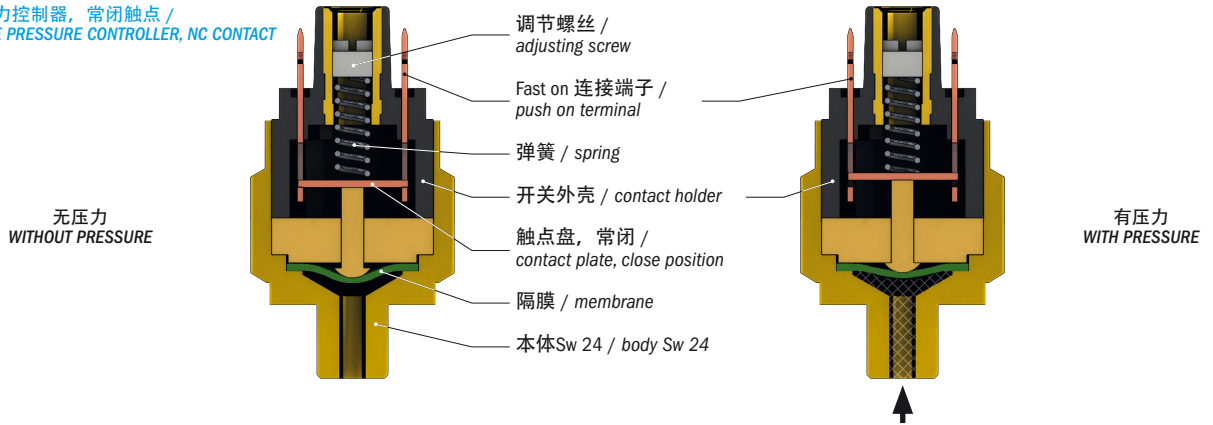
型号 MODEL	调整的相对压力范围 ADJUSTMENT RELATIVE PRESSURE RANGE bar	尺寸 带 FAST-ON 连接端子 DIMENSIONS WITH FAST-ON mm	最大静压 MAX. STATIC PRESSURE bar		25°C 时固定滞后 FIXED HYSTERESIS AT 25°C bar	25°C 时公差 TOLERANCE AT 25°C bar
			黄铜本体 BRASS BODY	316 不锈钢本体 S.S. 316 BODY		
MPS 2	0.5-3	62	300	300	≤ 25% Set-point	± 0.15
MPS10	2-12	62	300	300	≤ 25% Set-point	± 0.20
MPS20	10-22	62	300	300	≤ 25% Set-point	± 0.50
MPS50	20-52	62	300	300	≤ 25% Set-point	± 1.0
MPS80	50-80	62	300	300	≤ 25% Set-point	± 2.0

ELETTROTEC保留未经事先通知更改产品技术数据或暂停生产的权利。该压力控制器触点受到强烈冲击或震动时可能会被损坏。用户有责任对我们的产品是否适合特定应用进行测试，例如，材料的兼容性测试。仅在现场试验中得到证实的使用才是适当的。该样本中的技术信息基于产品开发过程中的测试和经验值的积累，他们可能并不适用于所有情况。

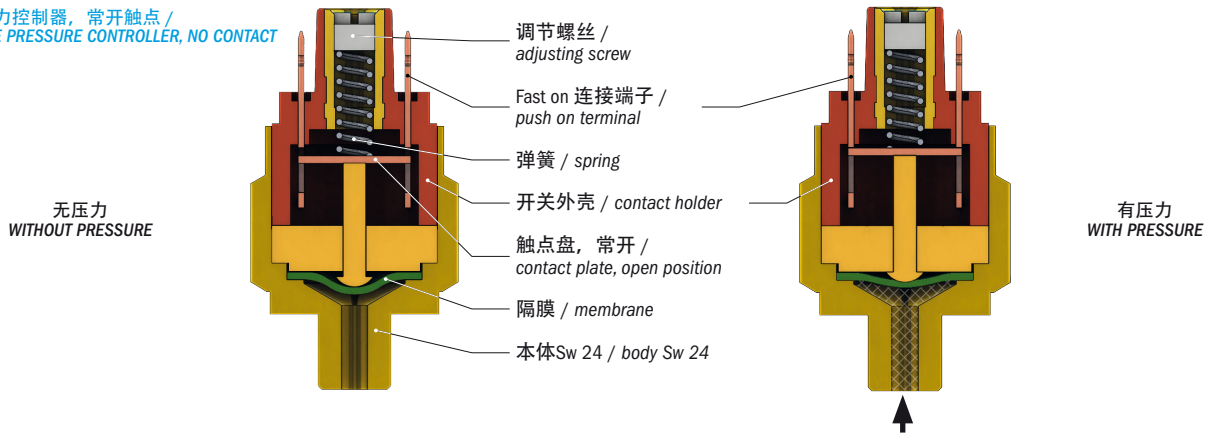
Elettrotec reserves the right to technical data of change to the products or halt production without prior notice. The pressure controller contacts can be damaged when subject to strong shocks or high vibration. It is the responsibility of the user to test the suitability of our products for the particular application, for example, the verification of material compatibility. The use may only be appropriate if proven in field tests. The technical information in this catalogue are based on tests made during product development and based on empirically gathered values. They may not be applicable in all cases.

常规技术参数 GENERAL TECHNICAL DATA

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



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



建议紧固力矩 / RECOMMENDED TIGHTENING TORQUES

黄铜 / Brass		镀锌钢 / Zinc plated carbon 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

			DIN-EN-60947-5-1 标准 Standard DIN-EN-60947-5-1	IEC60617电气符号 Symbol IEC 60617
NA	NA 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。伊莱科将材料所能承受的应力限制在屈服点的某个百分比。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. Eletrotec limits the stress tolerated by the material to a percentage of the yield point. By varying the type of material used to make the switch body, will also vary the tightening torque.