



电源电压	24 Vcc ±10%	Supply voltage	24 Vdc ±10%
防护	防极性转换 / 过载	Protection	against polarity reversal / overload
消耗电流	55 mA	Current consumption	55 mA
电气连接	M12 x 5pins (*)	Electrical connection	M12 - 5pins (*)
防护等级	IP65	Degree of protection	IP65
压力控制器输出	PNP 或 NPN 晶体管 max. 500 mA	Pressure controller output	PNP o NPN Transistor, max. 500 mA
变送器输出	4..20 mA / 0..20 mA / 0..10 V / 0..5 V	Transmitter output	4..20 mA / 0..20 mA / 0..10 V / 0..5 V
触点状态	programmabile da tastiera NA - NC - FNA - FNC	Contact	NO - NC - Window NO - Window NC
设定点调节	键盘调节 满量程的 8% 到 100%	Set-point adjustment	programmable by front keys 8%...100% FS programmable by front keys
滞后点调节	键盘调节 满量程的 5% 到 98%	Hysteresis adjustment	5%...98% FS programmable by front keys
时精度 25°C	满量程的 ±0.5%	Accuracy @ 25°C	±0.5% FS
温度补偿	-10°...70°C 总精度 ±2%	Compensated temperature	-10°...70°C - Total accuracy ±2% FS
响应时间	可通过键盘调整 5-500 毫秒	Response time	5...500msec programmable by front keys
流体最高温度	-20°...+80°C	Max. fluid temperature	-20°...+80°C
环境最高温度	-20°...+80°C	Max. environment temperature	-20°...+80°C
存储温度	-40°...+100°C	Storage temperature	-40°...+100°C
机械寿命	25°C 时三百万周期	Mechanical life	3.000.000 operations @ 25°C
显示器	红色 7 段 4 进位显示器	Display	4 digit 7 segment display - Red color
计量单位	BAR, PSI 从键盘调节	Measurement unit	BAR, PSI programmable by front keys
本体	ABS 热塑性树脂	Body	ABS thermoplastic
键盘	聚碳酸酯	Front panel	Polycarbonate
EPX01 螺纹连接	G1/4" 镀镍钢螺纹 (标准)	Thread connection EPX01	Nickel-plated steel G1/4" (standard)
敏感元件	三氧化二铝压敏电阻陶瓷元件	Sensing element	Piezoresistive ceramic cell Al ₂ O ₃
密封圈	丁腈橡胶(标准)	Seal gasket	NBR (standard)
安装	垂直安装	Mounting	standing
重量	~300 g	Weight	~300 g
(*) 根据客户要求提供内螺纹接插件		(*) Female connector available on request	

如何订购 / HOW TO ORDER

EPX E 2 A N 1

型号 / Model	
EPX01	镀镍钢板压口 Nickel plated steel pressure port

本体 / Body
A

"C"	螺纹 / Thread	"B"
1	G 1/4 BSPP 平行 / parallel	12

型号 Model	压力范围 Pressure range	爆破压力 Burst pressure
B	0 - 2 bar	7 bar
C	0 - 5 bar	12 bar
D	0 - 10 bar	25 bar
E	0 - 20 bar	50 bar
F	0 - 50 bar	120 bar
G	0 - 100 bar	200 bar
H	0 - 200 bar	400 bar
I	0 - 400 bar	650 bar

输出类型 Output type
见表输出类型 See output table

隔膜 / Diaphragm
见表隔膜 / 密封垫 see diaphragm / gasket table

订购信息 / ORDERING INFORMATION

EPX	带陶瓷传感器的电子式压力控制器和压力变送器	
输出类型	1	PNP 型数字输出+ 4/20 - 0/20mA 模拟输出
	2	NPN 型数字输出+ 4/20 - 0/20mA 模拟输出
	3	2 个 PNP 型数字输出
	4	2 个 NPN 型数字输出
	5	PNP 型数字输出+ 0/10V - 0/10V 模拟输出
	6	NPN 型数字输出+ 0/10V - 0/5V 模拟输出
本体材料	A	镀镍钢
可用隔膜 / 密封垫	N	丁腈橡胶
可用螺纹	1	圆柱管螺纹 G1/4 BSPP "B" = 12

EPX	Electronic pressure controller and transmitter with ceramic sensor	
Output type	1	PNP digital output + 4/20 - 0/20mA analogue output
	2	NPN digital output + 4/20 - 0/20mA analogue output
	3	2 PNP digital output
	4	2 NPN digital output
	5	PNP digital output + 0/10V - 0/10V analogue output
	6	NPN digital output + 0/10V - 0/5V analogue output
Body	A	Nickel plated steel
Available diaphragm/ Gasket	N	NBR
Thread	1	G1/4 BSPP parallel Quota "B" = 12

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 DIMENSIONS mm		爆破压力 BURST PRESSURE bar	配置 EXECUTION
		A	E		
B	0 - 2	120	80	7	NBR 膜片 NBR Diaphragm
C	0 - 5	120	80	12	
D	0 - 10	120	80	25	
E	0 - 20	120	80	50	
F	0 - 50	120	80	120	
G	0 - 100	120	80	200	
H	0 - 200	120	80	400	
I	0 - 400	120	80	650	

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