



工作范围	-1...0 巴、0+0.1 巴、0 至 1000 巴	Pressure range	-1 to 0 bar, 0 to 0.1 bar, 0 to 1000 bar
平均温度	-20°...+80°C (取决于密封件)	Medium temperature	-20° to +80°C (according to seal material)
工作温度	-20°...+80°C (取决于密封件)	Operating temperature	-20° to +80°C (according to seal material)
存储温度	-40°...+85°C (取决于密封件)	Storage temperature	-40° to +85°C (according to seal material)
电流信号输出	0÷10 V, 4÷20 mA, 0÷5 V, 0÷4.5 V 或其他	Output signal current	0÷10 V, 4÷20 mA, 0÷5 V, 0÷4.5 V or others
输出开关类型	2 个可调 PNP 或 NPN 报警器	Output switch type	2x adjustable alarms PNP or NPN
响应时间	≤ 4 ms	Response time	≤ 4 ms
电源电压	10÷30 Vdc	Supply voltage	10÷30 Vdc
精度	≤ 0.5% F.S. (标准)	Accuracy	≤ 0.5% F.S. (standard)
显示屏	LED, 4 位数	Display	LED, 4 digits
最大功耗	3 W	Max. power consumption	3 W
机械寿命	> 10 ⁶ 次	Mechanical life	> 10 ⁶ operations
绝缘电阻	≥ 100MΩ @ 50 Vcc	Insulation resistance	≥ 100MΩ @ 50 Vdc
螺纹连接	G 1/4" 或其他要求	Thread connection	G 1/4" or others on request
电气连接	M12x1.5或其他要求	Electrical connection	M12x1.5 or others on request
稳定性	0.5% F.S./年	Stability	0.5% F.S./year
接液部件材料	AISI 316L不锈钢	Wetted parts material	AISI 316L
传感器材料	硅胶	Sensor material	Silicone
防护等级	IP 65	Degree of protection	IP 65
可旋转头	330°	Rotatable head	330°

安装和调试 / Installation and commissioning

1. 压力控制器只能用于测试外壳和密封材料无腐蚀的介质。
 2. 压力孔被堵塞时，请勿使用尖锐工具清理。将压力控制器从系统中取出，用能溶解碎屑的液体疏通压力孔。
 3. 将压力控制器放置在不会受到撞击或践踏的位置。
 4. 如果使用压力超过过载压力，压力控制器可能会损坏。
 5. 建议安装防雷装置，并将设备与接地保护装置连接。
1. Use the pressure controller only to test the medium which have no corrosion to its housing and seal material.
 2. Do not use sharp tools to clean the pressure hole when obstructed. Remove the pressure controller from the system and unplug the hole with a fluid that could dissolve the debris.
 3. Position the pressure controller in a manner that could not be impacted or trampled.
 4. The pressure controller may be damaged if used beyond the overload pressure.
 5. It is recommended to install a lightning protection and connect the device to the earth protection.

如何订购 / HOW TO ORDER

EPX02- 5 G C V P W M R14

型号 / Model	EPX02		
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“C”	螺纹 / Thread	“B”
R14	G 1/4 BSPP 平行 / Parallel	12

电气连接 / Electric connection			
M	M12 5 极, 不带连接器 M12 5 poles without connector		

输出 / Output	
V	0 - 10 V
I	4 - 20 mA

输出类型 / Output type	
P	PNP
N	NPN

精度 / Accuracy	
C	≤ 0.5% F.S.

压力 / Pressure			
/	范围 / Range	过载 / Overload	爆破 / Burst
1	0 ÷ 1	2	3
2	0 ÷ 2	3	4
5	0 ÷ 5	7.5	10
10	0 ÷ 10	15	20
20	0 ÷ 20	30	40
50	0 ÷ 50	75	100
100	0 ÷ 100	150	200
200	0 ÷ 200	300	400
250	0 ÷ 250	375	500
400	0 ÷ 400	600	800
600	0 ÷ 600	900	1200
1000	0 ÷ 1000	1500	2000

压力 / Pressure	
G	相对 / Relative
A	绝对的 / Absolute*
* 仅适用于1-10巴 / Only for 1-10 bar	

本体 / Body	
W	316不锈钢 Stainless steel 316

订购信息 / ORDERING INFORMATION

EPX02	电子压力控制器
输出类型	P PNP N NPN
本体材料	W 316不锈钢
可用螺纹	R14 G 1/4 BSPP平行

EPX02	Electronic pressure controller
Output type	P PNP N NPN
Body material	W Stainless steel 316
Available threads	R14 G 1/4 BSPP parallel

电气连接 / ELECTRICAL CONNECTIONS

PNP

NPN

类型 / Pin	描述 / Description	颜色 / Colour
1	Vdc	棕色 / Brown
2	SP2	白色 / White
3	GND	蓝色 / Blue
4	SP1	黑色 / Black
5	4~20 mA 输出 0 - 10 V 输出	灰色 / Gray

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