

# NP-TP-OK压力传感器/ NP-TP-OK1000PSI pressure sensor



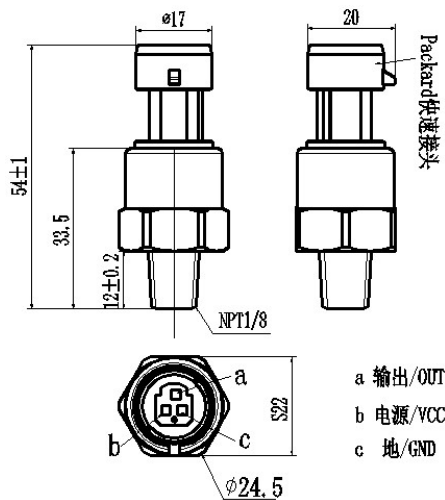
## 特点和用途

采用不锈钢外壳，先进压力陶瓷芯体和专用处理芯片；  
 精度高、体积小、重量轻、易安装与操作；  
 性能稳定、长期漂移小、寿命长；  
 完善的EMC保护；  
 匹配车型：通用型。

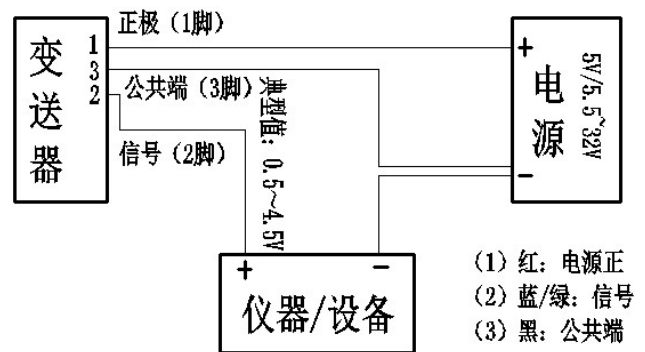
## FEATURES AND APPLICATIONS

Using stainless steel shell, advanced pressure ceramic core and dedicated processing chip;  
 High precision, small size, light weight, easy to install and operate;  
 Stable performance, long-term drift, long life;  
 Perfect EMC protection;  
 Matching models: Universal.

## 产品尺寸/定义/Size/Definition



## 外围接线/Peripheral connection



## 技术参数参照表

零件号/Number: /	防防等级/ Blowout prevention level: IP65
材料/Material: 304/316不锈钢	响应时间/ Response time:< 10ms
供电电压/Supply: 5±0.25VDC	制作工艺/Process: 压阻式/Piezoresistive type
螺纹接口/Thread interface: NPT1/8	输出型号/ Output type: 模拟型/ Simulation
量程/Range: 0~1000psi	输出方式/ Output: 三线制/ Three wire
输出信号/OUT: 0.5~4.5V(可选/Optional)	
过载压力/Pressure overload: 2倍满量程压力/2 times the pressure of full scale	
爆破压力/Burst pressure: 3倍满量程压力/3 times the pressure of full scale	
综合精度(非线性+重复性+迟滞)/Comprehensive precision(nonlinear, repeatability and hysteresis):	±1% FS(0~80° C)
	±1.5%FS(-20~100° C)
	±3%FS(-40~125° C)
电气连接/Electrical connections: 三芯Packard连接器或相关接头/Three core Packard joint1 connector or related	