

PRESSURE SENSOR

本壓力感測器(Pressure Sensor)系PV型壓力感測器再將放大線路埋於感測器內，可避免因導線所造成之誤差及干擾，有5V、10V或4-20mA三種輸出可供選擇。本感測器經精確之溫度補償，感測結構並以密封方式保護，以達到最高之量測準確度，其量測準確度優於一般以矽晶做成之感測器

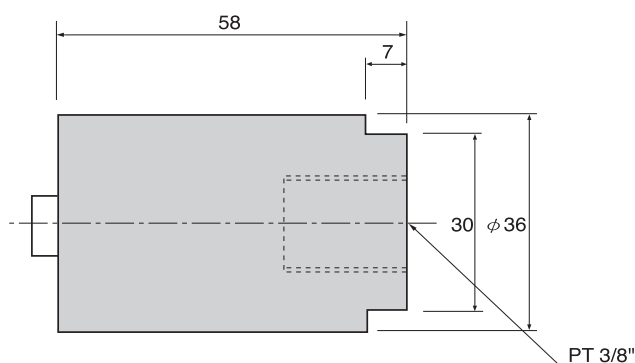
This pressure sensor is a precision strain gage transducer. It use PV pressure sensor and built in amplifier. It has 10V, 5V or 4~20mA output to meet different applications.

特點 Features

- PVA-10, 20, 35, 50, 100, 200, 350, 500, 750, 1000 kg/cm²



Installation Dimensions



Specification

額定輸出	Rated Output	.....	4~20mA or 5V or 10V ±1%
總和誤差	Total Error	.....	0.1%
重現性	Repeatability	.....	0.05%
最大輸入電壓	Max.Input Voltage	.....	24VDC
最小輸入電壓	Min. Input Voltage	.....	12VDC(5v , 4-20 mA)
使用範圍	Safe Temp.Range	.....	15VDC(10V)
溫度對零點之影響	Temp. Effect on Zero Balance	.....	-20℃~80℃
溫度對額定輸出之影響	Temp.Effect on Rated Output	.....	0.1%R.O./10℃
零點誤差	Zero Balance	.....	0.1%Load/10℃
容許負荷	Safe Overload Rating	.....	0.5V
接線方式	Cable Connection	.....	150%
訂購編號	Ordering Information	.....	Input:Red(+)/Black(GND)
			Output:Green(+)
	PVA	10	10
	Type	Rated pressure	Rated output
		in kg/cm ²	5 for 5v
			10 For 10V
			20For 20mA