

# SDYL economical pressure sensor(SDYL系列经济型压力传感器)

Picture(图片)			
Type code(系列)	SDYL-C1	SDYL-H0	SDYL-P0
Specification(性能参数)			
Pressure range(量程范围)	Min 0~350KPa, Max 0~70MPa		
Pressure unit(压力单位)	K:KPa, M:MPa, B:bar, P:PSi		
Output(输出类型)	B2:0~100mV	B3: 0.5~4.5V B5: 4~20mA	B4:1~5V B6:0~5V
Accuracy(显示精度)	6: 1.0%, 5:0.5%, X:others(其它)		
Overload pressure(过载压力)	2times rated pressure/2倍额定压力		
Burst pressure(破坏压力)	5times rated pressure(max 150Mpa)/5倍额定压力(最大 150Mpa)		
Comprehensive error(综合误差)	2% FS(within compensated temperature)/ 2% FS(补偿温度范围)		
Contact medium(介质接触材料)	17-4stainless steel(316L or others optional)/17-4不锈钢(316L或其他材料可选)		
Ambient condition(环境要求)			
Ambient temperature(环境温度)	Temperature range -25°C~85°C/工作温度范围 -25°C~85°C Compensated temperature range 0~55°C/补偿温度范围 0~55°C		
Anti-vibration(耐振动)	20g		
Anti-impact(耐冲击)	50g,11msec,1/2sine wave/50g,11msec,1/2正弦波		
Mounting(接管口径)	M:M20X1.5, N:1/4NPT, G:G1/4, X:others(其它机械接口)		
Connection(连接方式)	C1:1m cable/1m电缆线,P0 : packard connector/packard接头,H0 : Hirschman connector/Hirschman接头,M0 : M12X1connector/M12X1连接器,XX:others/其它连接方式		
Housing material(外壳材质)	304stainless steel/304不锈钢		
Pressure type(压力类型)	Gage pressure/表压		
Application(典型应用)			
1	Air compressor,natural gas compressor/空气压缩机,天然气压缩机		
2	Hydrogen,oxygen equipment,refrigeration machinery/氢气,氧气设备,空调制冷设备		
3	High power diesel engin/大功率柴油机		
4	Industrial/civil pump/工业及民用水泵		
5	Injection molding,die casting,construction machinery/注塑机,压铸机,工程机械		
6	Appliances & other civil goods (for pressure test)/家电类 & 其他民用产品中的压力测量		
Dimension(尺寸图)	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>■ Connection C1</p> <p>■ Millivolt output: Yellow line:output- White line:power+ Red line:power+ Black line:power-</p> <p>■ The output voltage: Red line:power+ Black line:power- White line:output</p> <p>■ 4~20mA output: Red line:output+ Black line:output-</p> <p>Unit : mm</p> </div> <div style="width: 45%;"> <p>■ Connection H0</p> <p>1/2 hexagonal</p> </div> </div>		