

410C01 Channels: 1 gain x1, x10, x100, 2mA

产品名称	410C01 Channels: 1 gain x1, x10, x100, 2mA
公司名称	上海持承自动化设备有限公司
价格	1000.00/台
规格参数	品牌:PCB 型号:410C01 产地:美国
公司地址	上海市金山区吕巷镇干巷荣昌路318号3幢1018室
联系电话	021-59112701 13671506557

产品详情

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规格说明

[1] 典型。

[2] 光学隔离的触点闭合。

[3] 详见PCB符合性声明PS024。

内置IC压电加速度传感器和采集显示设备之间的通信：ICP压电加速度传感器需要恒流源供电，典型值为：24VDC、4mA，而不是电子仪器通常具备的恒压源供电。ICP传感器输出的与振动加速度成正比的交流信号是叠加在一输出偏压上(8-12V)，而不是通常意义上的以地为参考点。由于上述两大特点，ICP压电加速度传感器不能直接使用，必须经由信号调理器供电和信号处理后才可以和采集显示设备通信。

信号调理器技术指标：1) 通道数 2-16

2) 恒流供电电流 4mA

3) 恒流供电电压 24V DC

4) 增益：根据用户要求可在 1-100 之间定做 默认值为 1

5) 高频上限：根据用户要求可在 1-100kHz之间定做 默认值为 30kHz

6) 低频下限：0.08Hz

7) 供电电压 : DC 24V (配套电源适配器AC220V --24VDC)

8) 工作温度 : -10 +40

9) 工作湿度 : 85%

ENGLISH:	SI:		
PERFORMANCE			
Channels		1	1
Sensor Input Type(s)	ICP	ICP	
Voltage Gain (+/-10%) Software Selectable)	X1 X2 X4 X8 X10 X16 X20	X1 X2 X4 X8 X10 X16 X20	
Output Range (Digital) (Peak Hold)	0 to 10 V	0 to 10 V	
Output Range (Analog Signal)	± 10 V	± 10 V	
Low Frequency Response (+/-10 %) (AC mode)	0.5 Hz	0.5 Hz	
Low Frequency Response (DC mode)	Governed by Sensor DTC	Governed by Sensor DTC	
High Frequency Response (+/-5%)	10 kHz	10 kHz	
CONTROL INTERFACE			
Digital Control Interface	USB, Ethernet	USB, Ethernet	
Human Interface	Downloadable Software Configurator	Downloadable Software Configurator	
Display	None	None	
ENVIRONMENTAL			
Temperature Range	60 to 110 ° F	15 to 45 ° C	
ELECTRICAL			
DC Power (± 10 %)	24 VDC	24 VDC	
DC Power (Maximum)	200 mA	200 mA	
Excitation Voltage (To Sensor)	20 VDC	20 VDC	
DC Offset (After reset)	50 mV	50 mV	
Constant Current Excitation (To Sensor)	4 mA	4 mA	
Discharge Time Constant	1 sec	1 sec	
Broadband Electrical Noise (1 to 10 kHz) (Gain x1)	200 V rms	200 V rms	
Input (Reset)	Optically Isolated	Optically Isolated	
Polarity (Tension/Compression)	Software Selectable	Software Selectable	
PHYSICAL			
Electrical Connector (ICP Sensor Input)	BNC Jack	BNC Jack	
Electrical Connector (Peak Analog Output)	Screw Terminal	Screw Terminal	
Electrical Connector (Wave Form Analog Output)	Screw Terminal	Screw Terminal	
Electrical Connector (Analog Output Common)	Screw Terminal	Screw Terminal	
Electrical Connector (Ethernet)	RJ45	RJ45	
Electrical Connector (Input Reset)	Screw Terminal	Screw Terminal	

Electrical Connector (USB Interface)	Type B	Type B
Mounting	DIN Rail	DIN Rail
Size - Height	3.9 in	99 mm
Size - Width	1.78 in	45.2 mm
Size - Length	4.46 in	113.3 mm
Weight	0.46 lb	208 gm