

产品特点

- 高效节省空间的扁平型
(放大器、内置厚度≤10mm)；
- 可以检测水、油、玻璃、塑料等非金属物体；
- 可直接安装至金属面；

Product Features

- Flat sensor with excellent space efficiency
(model with built-in amplifier is ≤10mm thick)；
- It can test water、oil、glass、plastic and other
metalloid objects
- Mounting onto metal surface directly



额定规格/性能 Ratings and Specifications

项目 Project	安装方式 Mounting	Non-Flushed(非屏蔽)							
	尺寸 Specification	5×20×50		7×30×50		10×20×50		25×6×42	
	型号 Model	CS05V-05DNA	CS05V-05DPA	CS07P-08DNA	CS07P-08DPA	CS10P-05DNA	CS10P-05DPA	CS25P-10DNA	CS25P-10DPA
		CS05V-05DNB	CS05V-05DPB	CS07P-08DNB	CS07P-08DPB	CS10P-05DNB	CS10P-05DPB	CS25P-10DNB	CS25P-10DPB
检测距离 Sensing distance		5mm±10%		8mm±10%		5mm±10%		10mm±10%	
设定距离 Set distance		0~4mm		0~6.4mm		0~4mm		0~8mm	
回差范围 Hysteresis error		3~15% (sensing distance) /(检测距离的3~15%)							
重复精度 Repeat accuracy		< 5% (sensing distance) /(小于检测距离的5%)							
输出方式 Output mode		NPN/PNP							
输出状态 Output state		NO/NC							
响应频率 Response frequency		100Hz							
标准检测体 Standard sensing object		接地金属板 Grounded metal plate: 50X50X1t							
温度影响 Temperature influence		(温度范围-10~+80℃, +23℃时检测距离±20%以内) -10~+80℃,within±20% (+23℃ sensing distance)							
电源电压 Power supply Voltage		DC12-24V脉动(p-p)<10%(DC10-30V) DC12-24V impulse(p-p)<10%(DC10-30V)							
消费电流 Current consumption		< 15mA							
电压影响 Voltage effect		< 3%							
残留电压 Residual voltage		2.5V以下负载电流100mA及导线2米时 <2.5V load current 100mA&cable 2m							
负载电流 Load current		< 100mA							
保护回路 Protection circuits		逆向连接保护,浪涌吸收 Reverse Connection protection,electrical surge absorption							
显示灯 Indicators		红色指示灯 Red LED							
连接方式 Connection		标准导线引出式2米 Pre-wired models (Standard cable length:2m)							
环境温度 Ambient temperature		动作时、保存时: 各-30℃~+80℃ (不结冰 不结露) Operating/storage:-30℃~+80℃ with no icing or condensation							
环境湿度 Ambient humidity		动作时、保存时: 各35%~95% Operating/storage: 35% to 95%							
振动(耐久)Vibration resistant		10~55Hz 上下振幅 1.5mm,X,Y,Z各向2小时 Destruction:10~55Hz, 1.5mm double amplitude for 2H each in,X,Yand Z directions							
冲击(耐久)Shock resistant		500m/s ² , X,Y,Z各向3次 Destruction:500m/s ² , 3 times each in X,Y and Z directions							
耐电压 Dielectric strength		1000VAC,50/60Hz 1分钟充电部整体与外壳间 1000VAC,50/60Hz for 1min between current-carrying parts and case							
绝缘电阻 Insulation resistance		50MΩ 以上 (DC500V 兆欧表) 充电部与外壳间 >50MΩ min. (at 500VDC)between current-carrying parts and case							
保护结构 Degree of Protection		IEC IP67							
外壳材质 Housing materials		PBT							

Dimension(尺寸图)
(Unit/单位:mm)

