

产品特点

- 抗磁场干扰，高开关频率，宽温度范围；
- 通过自补偿的预阻尼保护；
- 不锈钢材料耐腐蚀及抗机械碰撞；

Product Features

- Withstand magnetic field interference, high switching frequency, wide temperature range;
- Realize damping protection through self compensation
- Stainless steel of corrosion resistance and mechanical impact resistance;



额定规格/性能 Ratings and Specifications

项目 Project	尺寸Specification	M12	M18	M30
	安装方式Mounting	Flushed(屏蔽)	Flushed(屏蔽)	Flushed(屏蔽)
	型号Model	SNJ12-02BNA(P) SNJ12-02BNB(P)	SNJ18-05BNA(P) SNJ18-05BNB(P)	SNJ30-10BNA(P) SNJ30-10BNB(P)
检测距离Sensing distance	2mm±10%	5mm±10%	10mm±10%	
设定距离Set distance	0~1.6mm	0~4mm	0~8mm	
回差范围Hysteresis error	1~20% (sensing distance) /(检测距离的1~20%)			
重复精度Repeat accuracy	< 3% (sensing distance) /(小于检测距离的3%)			
输出方式Output mode	N: NPN P: PNP			
输出状态Output state	NO/NC			
响应频率Response frequency	80HZ	50HZ	30HZ	
标准检测体Standard target	12X12X1t	18X18X1t	30X30X1t	
温度影响Temperature effect	-25°C~70°C, within±10% (+23°C sensing distance) /(温度范围-25~70°C, +23°C时检测距离±10%以内)			
电源电压Power supply	DC12~24V impulse(p-p) < 10%(DC10~30V)DC12~24V 脉动 (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(load current 200mA & cable 2m) /2.5V以下 (负载电流 200mA及导线2米)			
负载电流Load current	< 200mA			
回路保护Circuit protection	Reverse Connection protection, Short circuit protection, electrical surge absorption/(逆向连接保护 输出短路保护 浪涌吸收)			
指示灯Indicator light	Yellow LED/ (黄色指示灯)			
泄漏电流Leakage currnt	< 100uA			
连接方式Connection	Cable (2m) /标准导线长2米			
环境温度Ambient temperature	Work&store: -25°C~70°C/(使用时及保存时: -25°C~70°C)			
环境湿度Ambient humidity	Work&store: 35~95%/(使用时及保存时: 35~95%)			
振动-耐久Anti-vibration	10~55Hz, Amplitude 1.5mm, X, Y, Z(2H) (10~55 Hz, 上下振幅1.5mm X, Y, Z各向 2小时)			
耐电压Withstanding voltage	1000V AC, 50/60Hz 1min/(1000V AC, 50/60Hz 1分钟充电部整体与外壳间)			
绝缘电阻Insulation resistance	> 50MΩ (DC500V megger) /50MΩ以上 (DC500V 摇表) 充电部整体与外壳间			
保护结构protection degree	IEC IP67			
外壳材质Housing material	Stainless steel full metal housing(不锈钢全金属封装)			

Dimension (尺寸图)  
unit/单位: mm

