

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℃~70℃, within±10% (+23℃ sensing distance) /(温度范围-25~70℃, +23℃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 current		< 100uA		
连接方式Connection		Cable (2m) /标准导线长2米		
环境温度Ambient temperature		Work&store: -25℃~70℃/(使用时及保存时: -25℃~70℃)		
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		1000VAC, 50/60Hz for 1min between current-carrying parts and case (1000V AC, 50/60Hz 1分钟充电部整体与外壳间)		
绝缘电阻Insulation resistance		>50MΩ min.(at 500VDC)between current-carrying parts and case (>50MΩ (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

