

产品特点

- 耐受压力达500Bar或以上，具有耐高压耐腐蚀特性；
- SN12B氧化锆材质感应面，抗高强度冲击，高强度不锈钢壳体；
- SN14B全金属封装，高强度钢结构；
- 抗机械撞击，同时延长流体压力冲击寿命；



Product Features

- 500Bar or above pressure resistance, corrosion resistance
- SN12B zirconia material induction surface, high strength impact resistance, high strength stainless steel housing
- SN14B full metal housing, high strength steel structure
- Mechanical impact resistance, extend the life of fluid pressure impact

额定规格/性能 Ratings and Specifications

项目 Project	尺寸Specification	M12	M14	M18
	安装方式Mounting	Flushed(屏蔽)	Flushed(屏蔽)	Flushed(屏蔽)
	型号Model	SNB12-1B5NA-E(P) SNB12-1B5NB-E(P)	SNB14-03BNA-E(P) SNB14-03BNB-E(P)	SNB18-03BNA-E(P) SNB18-03BNB-E(P)
检测距离Sensing distance	1.5mm±10%	3mm±10%	3mm±10%	
设定距离Set distance	0~1.2mm	0~2.4mm	0~2.4mm	
回差范围Hysteresis error	检测距离的1~20% (sensing distance)			
重复精度Repeat accuracy	小于检测距离的5% (sensing distance)			
输出方式Output mode	N: NPN P: PNP			
输出状态Output state	NO/NC			
响应频率Response frequency	0.8kHz	0.5kHz	0.5kHz	
标准检测体Standard target	12X12X1t	12X12X1t	18X18X1t	
温度影响Temperature effect	(温度范围-40~80°C, +23°C时检测距离±10%以内) -40~80°C, within±10% (+23°C sensing distance)			
电源电压Power supply	DC12-24V 脉动 (p-p) < 10% (DC10-30V) DC12-24V impulse(p-p) < 10%(DC10-30V)			
消费电流Current consumption	< 10mA			
残留电压Residual voltage	2.5V以下 (负载电流 200mA及导线2米) < 2.5V(load current 200mA&cable 2m)			
负载电流Load current	≤200mA			
回路保护Circuit protection	逆向连接保护 输出短路保护 浪涌吸收 Reverse Connection protection, Short circuit protection, electrical surge absorption			
泄漏电流Leakage currnt	< 100uA			
连接方式Connection	N/A:Cable (2m) E: M12 connector/无N/A: 标准导线2米 E: M12接插件			
环境温度Ambient temperature	使用时及保存时: -40°C~80°C Work&store: -40°C~80°C			
保护结构protection degree	IEC IP67			
外壳材质Housing material	不锈钢 Stainless steel			

Dimension(尺寸图)
(Unit/单位:mm)

